# SEVENTY-FOURTH ANNUAL REPORT

OF THE

# TRUSTEES

OF THE

# MASSACHUSETTS GENERAL HOSPITAL

AND

# McLEAN ASYLUM

## 1887

---

*Printed at the Expense of the Bowditch History Fund*

---

BOSTON
GEO. H. ELLIS, PRINTER, 141 FRANKLIN STREET
1888

# SEVENTY-FOURTH ANNUAL REPORT

OF THE

# TRUSTEES

OF THE

# MASSACHUSETTS GENERAL HOSPITAL

AND

# McLEAN ASYLUM

## 1887

*Printed at the Expense of the Bowditch History Fund*

BOSTON
GEO. H. ELLIS, PRINTER, 141 FRANKLIN STREET
1888

# REPORT OF THE TRUSTEES

OF THE

# MASSACHUSETTS GENERAL HOSPITAL

**For the Year 1887.**

---

The Committee of the Trustees appointed to prepare the annual report of the Board to the Corporation, to whom the accounts of the Treasurer and the reports of the other officials have been referred, respectfully submit the

## SEVENTY-FOURTH ANNUAL REPORT.

The history of the Hospital and Asylum for the past year presents nothing novel or striking. The same fidelity, devotion to duty, and merciful efficiency of both officers and attendants have, as heretofore, promoted the general welfare, and alleviated the sufferings of many afflicted by bodily or mental disease.

The changes among those intrusted with the care of the institutions are few.

Dr. John W. Pratt, who, as Acting Resident Physician, had been in charge of the Hospital since the decease of Dr. Whittemore, was on February 11 made Resident Physician.

In the beginning of the year, Dr. Francis Minot, who, for the long period of twenty-eight years, had given of his time and professional skill to the Hospital, as Visiting Physician, resigned his office, the Trustees, accepting with great reluctance this resignation, on March 25.

*Voted*, That the resignation of Dr. Minot be accepted, and that the Secretary be directed to express to him, the Trustees' high appreciation of his long and valuable services, and to communicate their thanks therefor, and their regrets at his resignation.

Dr. Minot was then elected a member of the Board of Consultation; and, on April 15, Dr. Reginald H. Fitz was chosen Visiting Physician, to fill the vacancy occasioned by the resignation of Dr. Minot.

In March the office of Aural Surgeon was created; and Dr. J. Orne Green was chosen its first incumbent.

The Corporation has lost by death during the past year its honored President, the Hon. Henry B. Rogers, who, as Trustee, Chairman of the Board, and President of the Corporation, had for nearly half a century taken an active interest in the promotion of the charitable purposes of the Hospital, and exhibited a noteworthy instance of devoted official fidelity.

The following minute was adopted at a meeting of the Trustees held on April 15, 1887: —

The Trustees of the Massachusetts General Hospital, at their first meeting after the death of the late President of the Corporation, Henry Bromfield Rogers, desire to bear testimony to the very great importance of his services to the Hospital from the year 1839, in which he became a Trustee, to the time of his death. His labors, his gifts, and, above all, his character were of the highest value to the institution, and will preserve his memory as one of its chief benefactors. The Hospital and all connected with it have never had a truer friend.

On October 14, 1887, Mr. George S. Hale, who since the year 1870 had rendered faithful, efficient, and laborious service as Trustee, felt compelled, from circumstances connected with his other manifold duties, to send in his resignation. Mr. Hale's letter was accompanied by a gift from him of $1,000, "to form a fund to be called the 'Hibbard Occupation

Fund,' the interest of which shall be used in any manner best calculated, in the opinion of the Trustees, to employ the patients at the Asylum in some regular daily use of their time for longer or shorter periods, so far as their condition may permit." The Board accepted with deep regret the resignation of Mr. Hale at a meeting held on October 21, and gratefully acknowledged his gift. Mr. David R. Whitney, who had once held the office of Treasurer of the Corporation, was elected Trustee on November 21, in place of Mr. Hale.

On December 26, the use of a free bed at the Hospital was voted to the Massachusetts Hospital Life Insurance Company.

From the report by the Resident Physician of the internal administration of the Hospital, hereto appended, it will be seen that the whole number of patients received at the Hospital in the course of the year has been 2,814,—1,539 men, 1,083 women, and 192 children, of whom 36 were under two years of age. For the year 1886 it was 2,580,—1,442 men, 948 women, and 190 children, 21 of whom were under the age of two.

The average number of patients in the Hospital has been this year 185, of whom, on the average, 161 had free beds. Last year the average number of patients was 173, with an average of 152 free beds.

There were at one time during the year 217 patients inmates of the Hospital, the largest number since its foundation.

The Trustees take this opportunity to again remind the friends of the Hospital and the public as well that children, however young, are always welcomed as patients. Experience has proved that their presence in a ward is in many ways beneficial to adult patients in the same room with them, while at

the same time it is believed that the children attain better results by having some older patients among them.

The number of new patients treated in the Out-patient Department this year was 18,981, as against 17,925 in the year 1886.

The repairs in the west wing of the Hospital, which were carried out in the summer of 1887, were similar in character to those made in the east wing the preceding year. Two small wards and a passage-way were thrown into one ward, old bath-rooms and closets removed, and the premises thoroughly renovated. At the same time, changes were made in the corridors and attic to insure greater safety from fire, and additional water buckets and pumps have been provided. During the year, the Thayer Building has been enlarged by the addition of a fourth story at a cost in 1887 of $8,107.63.

The Trustees desire to correct the statement made in their last report of the cost of the second sanitary tower, which was there given as $17,342.41. It ought to have been stated at $13,361.48. The amount expended on both sanitary towers in 1886 was $17,342.41.

At the Convalescent Home there have been in the course of the year 327 patients.

The appointment of Dr. H. M. Locke, as an assistant physician for temporary service, is the only change made in the Medical Staff of the McLean Asylum since the last report.

As will be seen from the interesting and instructive report of the Superintendent herewith presented, the beneficial results anticipated from the introduction by him at the Asylum of a system of training nurses of both sexes for the insane has been fully realized.

The Trustees recognize that the necessity for the

removal of the Asylum from Somerville to Belmont increases with every successive year. They have hitherto been prevented from erecting new buildings at the latter place by the very large expenditure required and by the want of funds alone. So apparent to them are the unfitness and disadvantages of the present situation that they are contemplating the preparation of plans and the commencement of work in the near future, in anticipation of a sale of the grounds at Somerville, relying upon the assistance of the benevolent friends of the Asylum in case of pressing need.

The following bequests and donations have been received during the year: —

| | |
|---|---|
| Parts of a bequest of Mrs. Ella F. Roehl, income for free beds, | $3,000.00 |
| Gift of Waldo March, for photographic apparatus, . . . . | 100.00 |
| Gift of Miss Mary Russell, for Convalescent Home Fund, . | 20.00 |
| Bequest of John H. Eastburn, for support of "Printers' Bed," | 10,000.00 |
| Bequest of Mrs. Susan F. Eastburn, income for free beds, . | 1,000.00 |
| Gift of Mrs. Emily W. Appleton, income for free beds, . . | 1,000.00 |
| Bequest of Henry B. Rogers, income for free beds, . . . . | 10,000.00 |
| Bequest of Wm. B. Craft, income for free beds, . . . . . | 5,000.00 |
| Gift of Edward W. Hooper, for expenses of Hospital, . . . | 1,500.00 |
| Part of bequest of M. P. Sawyer, income for free beds, . . . | 6,273.14 |
| Total, . . . . . | $37,893.14 |

Of this amount, $37,873 is for the benefit of the Hospital, and $20 for that of the Convalescent Home.

The Treasurer's accounts for 1887 and the assets of the Corporation, as reported by him, have been examined by the proper Committee, and pronounced correct.

From the report of the Treasurer, which is made a part of this report, it will be seen that the ordinary expenses of the Hospital, Asylum, and Convalescent Home, taken together, exceed the receipts and the income of the Corporation applicable to the payment thereof by the sum of $22,982.09. This amount, with

the sum of $8,107.63 expended for the enlargement of the Thayer Building, makes an aggregate of $31,089.72. This sum, representing the excess of the ordinary and extraordinary expenses of the Hospital over its income, has been drawn from the general invested funds of the Hospital.

The ordinary expenses of the Hospital have, for the past year, exceeded its total income by the sum of $18,772.14. The excess of expenditures over income was, in 1883, $13,296.47; in 1884, $26,374.15; in 1885, $8,833.03; in 1886, 14,636.85; or a total of $81,912.64 in the last five years.

The successive annual statements of the Treasurer, showing this excess of expenses over receipts, demand earnest and serious attention. This excess in 1887, as in previous years, is attributable to the number of free beds; and, until such additions are made to our free bed subscriptions and to our Free Bed Funds as will prevent this ever-recurring deficit and the continued encroachment upon the principal of the General Funds of the Hospital, applicable to its yearly expenses, the Trustees deem it worthy of consideration whether more rigorous scrutiny must not be made into the ability to pay of patients who apply to be supported wholly free of charge, the number of whom has increased from 1,633 in the year 1883 to 2,523 in 1887.

The subscriptions to the Free Bed Fund in 1887 amounted to $11,356. The whole income from "Free Bed Funds," including these subscriptions, was $48,989.33; while the cost to the Hospital in the maintenance of free beds for the same period was $105,543.71. Calling attention to these figures and to what has been previously stated in this report of the absolute necessity of an increase in these yearly subscriptions, with the alternative of a reduction in the

number of free patients, the Trustees earnestly appeal to the friends of the Hospital to come to their assistance in this emergency, that the year 1888 may show the largest total subscriptions to the Free Bed Fund in the annals of the Hospital. The amounts required for subscription to free beds are, for one year, $100; for one life, with right upon nomination to extend it to two lives, $5,000; for railroad corporations, for use of one bed for twenty-five years, $10,000; for one year, $500,— all subject to the Rules of the Hospital.

DAVID P. KIMBALL,<br>DAVID R. WHITNEY, } *Committee.*

# REPORT OF THE TREASURER

OF THE

# MASSACHUSETTS GENERAL HOSPITAL.

---

TO THE BOARD OF TRUSTEES:

*Gentlemen*,— In accordance with the Fifth Article of the By-Laws, the report of the accounts of the Massachusetts General Hospital, made up to the last day of December, 1887, is respectfully submitted, to be laid before the Corporation at its annual meeting.

*Dr.* FRANKLIN HAVEN, JR., *Treasurer, in account with the* MASSACHUSETTS GENERAL HOSPITAL. *Cr.*

| | | | |
|---|---|---|---|
| To Balance Cash on hand Dec. 31, 1886, | $8,704.74 | By Cash paid Insurance, | $493.75 |
| " Railroad Bonds paid, | 21,600.00 | " " " Annuitants, | 5,052.29 |
| " Union League Club Bonds paid, | 4,000.00 | " " " Annual Report, 1886, | 305.91 |
| " Donations and legacies, | 37,893.14 | " " " Taxes at Belmont, | 445.13 |
| " One-third profits Mass. Hospital Life Ins. Co., | 5,000.00 | " " " Expenses of Hospital, | 120,881.61 |
| " Income from investments, | 108,486 35 | " " " Expenses of Asylum, | 139,497.70 |
| " Board of paying patients at Asylum, | 124,447.77 | " " " Expenses of Convalescent Home, | 9,201.49 |
| " Board of paying patients at Hospital, | 15,869.34 | " " " Investments, R.R. Bonds, $51,000.00 | |
| " Board of paying patients at Convalescent Home, | 1,909.00 | " " Amoskeag M'f'g Co. stock, 1,234.00 | 52,234.00 |
| " Notes Receivable, | 126,000.00 | " " " Library, | 180.80 |
| " Subscribers for Free Beds ($5,600 received for this purpose in 1886), | 5,756.00 | " " " Wooden legs, | 450.00 |
| " Subscribers for Free Beds for 1888 in advance, | 5,556.00 | " " " Premiums, | 3,334.53 |
| " Edward Cowles, Superintendent, balance in account, | 2,498.85 | " " " Photographic apparatus, | 100.00 |
| | | " " " Advertising Warren Prize, | 25.00 |
| | | " " " Floral Place Building, | 46,794.41 |
| | | " " " Real Estate, Fruit Street and vicinity, | 62,968.64 |
| | | " " " Thayer Building Improvements, | 8,107.63 |
| | | " " " J. W. Pratt, Resident Physician, balance in account, | 737.74 |
| | | " Balance Cash on hand Dec. 31, 1887, | 16,910.56 |
| | $467,721.19 | | $467,721.19 |

The expense of carrying on the business of the Corporation for the year 1887 has been $269,580.80, namely:—

| | | |
|---|---|---|
| On account of Hospital Department, . . . | $120,881.61 | |
| " " " McLean Asylum, . . . . . | 139,497.70 | |
| " " " Convalescent Home, . . . . | 9,201.49 | |
| | | $269,580.80 |

This expense has been met from:—

| | | |
|---|---|---|
| Amount charged to patients, . . . . . | $142,226.11 | |
| Income from various funds applicable, . . . | 93,016.60 | |
| Subscriptions for Free Beds for 1887, . . . | 11,356.00 | |
| Deficit drawn from the General Fund, . . . | 22,982.09 | |
| | | $269,580.80 |

The receipts at Convalescent Home have exceeded the expenses $809.39; the expenses at the McLean Asylum have exceeded the receipts $5,019.34; and the expenses at the Hospital have exceeded the receipts $18,772.14, making a net deficit of $22,982.09.

TABLE No. 1.

HOSPITAL DEPARTMENT.

Expenses and receipts for the year 1887:—

| | | |
|---|---|---|
| Expenses at the Hospital (see Table 4), . . | $120,881.61 | |
| *Receipts.* | | |
| Income from Redman Fund (see Table 7), . | | $26,851.67 |
| " " Free Bed Funds (see Table 7), . | | 37,633.63 |
| " " Funds, income unrestricted (see Table 7), . . . . . | | 2,360.00 |
| " " General Fund (see Table 7), . | 74.884 | 8,038.83 |
| " " Free Bed Subscriptions (see Table 8), . . . . . | | 11,356.00 |
| Amount charged to patients, . . . . . | | 15,869.34 |
| Deficit from General Fund, . . . . . | | 18,772.14 |
| | | $120,881.61 |

TABLE No. 2.

McLEAN ASYLUM.

Expenses and receipts for the year 1887:—

| | |
|---|---|
| Expenses at the Asylum (see Table 5), . . . | $139,497.70 |
| *Receipts.* | |
| Income from Fund for Beneficiaries, . . . . | $4,425.59 |
| " " " " Female Beneficiaries, . | 5,015.00 |
| " " Amusement Fund, . . . . . | 590.00 |
| Amount charged to patients, . . . . . | 124,447.77 |
| Deficit from General Fund, . . . . . | 5,019.34 |
| | $139,497.70 |

TABLE No. 3.

CONVALESCENT HOME.

Expenses and receipts for the year 1887:—

| | |
|---|---|
| Expenses at Convalescent Home (see Table 6), | $9,201.49 |
| *Receipts.* | |
| Income from Convalescent Home Fund, . . | $8,101.88 |
| Amount charged to patients, . . . . . | 1,909.00 |
| | $10,010.88 |
| Balance of Receipts over Expenses credited to the General Fund, . . . . . | $809.39 |

TABLE No. 4.

Expenses of the Hospital Department:—

| | |
|---|---|
| For Stores, . . . . . | $40,933.15 |
| Gas and Oil, . . . . . | 3,250.06 |
| Water and Ice, . . . . . | 2,515.50 |
| Wages, . . . . . | 31,402.33 |
| Medicine, . . . . . | 2,884.95 |
| Furniture, . . . . . | 8,574.36 |
| Surgical Instruments, . . . . . | 2,094.90 |
| Surgical Appliances, . . . . . | 1,298.56 |
| Stationery, . . . . . | 815.41 |
| Wines and Liquors, . . . . . | 2,901.89 |
| Salaries, . . . . . | 3,688.00 |
| One-half General Expenses, . . . . . | 1,088.74 |
| Fuel, . . . . . | 6,220.80 |
| Contingencies, . . . . . | 2,176.93 |
| Repairs, . . . . . | 11,036.03 |
| | $120,881.61 |

These expenditures have been for account of: —

| | | |
|---|---|---|
| 2,340 Free Patients for 8,372 weeks, . . . . | $105,543.71 | |
| 474 Paying Patients for 1,248 weeks, . . . | 15,337.90 | |
| | | $120,881.61 |
| The average number of patients was, in 1886, | 173 | |
| The average number of patients has been, in 1887, . . . . . | 185 | |
| The average cost per week was, in 1886, 8,996 weeks, . . . . . | $12.50 | |
| The average cost per week has been, in 1887, 9,620 weeks, . . . . . | 12.56 | |
| The total expenses were, in 1886, . . . . . | 112,477.29 | |
| The total expenses have been, in 1887, . . . | 120,881.61 | |
| The amount paid for account of free patients, | | $105,543.71 |
| The amount received for them has been: — | | |
| From Income of Free Bed Funds, . . . | $37,633.63 | |
| From 89 Subscribers for this object (see Table 8), . . . . . | 11,356.00 | |
| | | $48,989.63 |

The deficiency has been drawn in part from the income of the various funds applicable to the purpose, and the remainder from the General Fund.

TABLE No. 5.

EXPENSES OF THE ASYLUM DEPARTMENT.

| | | |
|---|---|---|
| For Stores, | $42,349.50 | |
| Laundry, | 9,095.42 | |
| Fuel, | 7,365.45 | |
| Stationery, | 385.24 | |
| Medicines and Liquors, | 2,895.09 | |
| Contingencies, | 2,276.50 | |
| Furniture, | 6,233.49 | |
| Repairs, | 10,747.94 | |
| Diversions, | 1,445.78 | |
| Belmont Improvements, | 2,891.81 | |
| Water and Ice, | 2,540.66 | |
| Lights, | 2,957.27 | |
| Wages, | 30,225.99 | |
| Salaries, | 10,613.70 | |
| One-half General Expenses, $1,088.73; carriages, $222, | 1,310.73 | |
| Library, | 600.00 | |
| Stables, | 3,918.04 | |
| Garden, | 2,956.57 | |
| | | $140,809.18 |
| Less Cr. Clothing, $95.02; Farm, $1,216.46, | | 1,311.48 |
| | | $139,497.70 |

## These expenditures have been for account of: —

| | | |
|---|---|---|
| Patients paying cost and more, | | $28,748.30 |
| Patients paying less than cost, | | 110,749.40 |
| | | $139,497.70 |
| The average number of patients in 1886, | 169 | |
| The average number of patients in 1887, | 160 | |
| The average cost per week in 1886, | $15.94 | |
| The average cost per week in 1887, | 16.35 | |
| The total expenses in 1886, | | $144,374.33 |
| The total expenses in 1887, | | 139,497.70 |
| The amount expended at the Asylum for patients who have paid less than cost has been, | | $110,749.40 |
| The amount received has been: — | | |
| From patients, 6,569 weeks' board at less than cost, | $60,005.41 | |
| Income of Funds for Beneficiaries, | 4,425.59 | |
| Income of Funds for Female Beneficiaries, | 5,015.00 | |
| Income of Amusement Fund, | 590.00 | |
| | | 70,036.00 |
| | | $40,713.40 |

The deficiency has been drawn in part from patients paying more than cost, and the remainder from the General Fund.

TABLE No. 6.

EXPENSES OF THE CONVALESCENT HOME.

| | | |
|---|---|---|
| For Stores, | | $3,970.23 |
| Gas and Oil, | | 48.04 |
| Furniture, | | 358.19 |
| Wages, | | 2,907.91 |
| Fuel, | | 259.99 |
| Ice, | | 108.89 |
| Repairs, | | 341.37 |
| Contingencies, | | 502.92 |
| Labor and work on grounds, | | 523.95 |
| Surgical Instruments, | | 74.75 |
| Medicines, | | 78.00 |
| Wines and Liquors, | | 22.25 |
| Stationery, | | 5.00 |
| | | $9,201.49 |
| Whole number of patients admitted during the year, males, | 144 | |
| Whole number of patients admitted during the year, females, | 164 | |
| | | 308 |
| Whole number discharged during the year, | | 311 |
| Remaining, Jan. 1, 1888, males, | 8 | |
| Remaining, Jan. 1, 1888, females, | 8 | |
| | | 16 |

TABLE No. 7.

INCOME FROM INVESTMENTS.

| | |
|---|---|
| From Annuities Receivable, | $6,400.00 |
| City and Town Bonds, | 880.00 |
| United States Bonds, | 400.00 |
| Mass. Hospital Life Ins. Co. Stock, | 4,000.00 |
| Railroad Bonds, | 37,306.29 |
| Manufacturing Stocks, | 3,259.00 |
| Bank Stocks, | 4,074.22 |
| Real Estate, Productive, | 29,075.74 |
| Notes Receivable, | 20,286.16 |
| Union League Club Bonds, | 200.00 |
| Interest, | 322.70 |
| Railroad Stocks, | 1,940.00 |
| Real Estate Investment, Fruit Street and vicinity, | 342.24 |
| | $108,486.35 |

Which has been distributed as follows: —

| | | |
|---|---|---|
| To G. H. Gay Fund, | | $342.20 |
| Redman Fund, | | 26,851.67 |
| Warren Prize Fund, | | 212.22 |
| Bowditch History Fund, | | 118.00 |
| Wooden Leg Fund, | | 295.00 |
| Redman Annuities, | | 936.00 |
| Clara Barton Annuity, | | 191.22 |
| Surgical Instrument Fund, | | 79.65 |
| Amusement Fund, | | 590.00 |
| Free Bed Funds, { for use, | $37,633.63 | |
| Free Bed Funds, { for Joy Annuitants, | 700.00 | 38,333.63 |
| Beneficiaries at Asylum Funds, | | 4,425.59 |
| Warren Library Fund, | | 59.00 |
| One-half Lincoln Fund,— Female Beneficiaries, | | 5,015.00 |
| Funds with Income Unrestricted, | | 2,360.00 |
| General Fund, | | 8,038.83 |
| Convalescent Home Fund, | | 8,101.88 |
| Asylum Building Fund, | | 10,441.46 |
| Whittemore Fund, | | 1,500.00 |
| Urbino Fund, | | 300.00 |
| Treadwell Library Fund, | | 295.00 |
| | | $108,486.35 |

| | |
|---|---|
| The Income for 1885 was | $97,911.71 |
| The Income for 1886 was | 102,964.50 |
| The Income for 1887 has been | 108,486.35 |

TABLE No. 8.

SUBSCRIBERS FOR FREE BEDS FOR 1887.

| | | | |
|---|---|---|---|
| William Amory, | $100 | *Brought forward*, | $2,456 |
| C. W. Amory, | 100 | Mrs. Arthur Croft, | 100 |
| Oliver Ames & Sons' Corporation, | 100 | Martin Brimmer, | 100 |
| American Bell Telephone Co., | 56 | P. C. Brooks, | 100 |
| D. H. Andrews, | 100 | Shepherd Brooks, | 100 |
| Boston & Maine R.R. Co., | 500 | Mrs. Laura M. Case, | 100 |
| Boston & Lowell R.R. Co., | 300 | T. Jefferson Coolidge, | 100 |
| Boston & Providence R.R. Co., | 100 | T. J. Coolidge, Jr., | 100 |
| Boston & Albany R.R. Co., | 500 | Mrs. J. G. Cushing, | 100 |
| Boston Gas Light Co., | 100 | Charles P. Curtis, | 100 |
| Sidney Bartlett, | 100 | Greely S. Curtis, | 200 |
| J. P. Bradlee, | 100 | J. Randolph Coolidge, | 100 |
| Mrs. E. B. Bowditch, | 200 | F. Gordon Dexter, | 100 |
| J. L. Bremer, | 100 | George Dexter, | 300 |
| | | Mrs. C. H. Dalton, | 100 |
| | | Stephen G. Deblois, | 100 |
| | | Samuel Eliot, | 100 |
| *Carried forward*, | $2,456 | *Carried forward*, | $4,356 |

| | | | |
|---|---|---|---|
| *Brought forward*, . . . | $4,356 | *Brought forward*, . . . | $7,756 |
| William Endicott, Jr., . . | 100 | Charles Merriam, . . . | 100 |
| Joseph S. Fay, Jr., . . . | 100 | Mrs. Caroline Merriam, . | 100 |
| John Foster, . . . . . | 100 | C. J. Morrill, . . . . . | 100 |
| Henry H. Fay, . . . . | 100 | Misses M. C. and H. K. Mixter, . . . . . | 100 |
| Mrs. Sarah S. Fay, . . . | 200 | Old Colony R.R. Co., . . | 500 |
| Joseph S. Fay, . . . . | 100 | Pacific Mills Relief Society, | 100 |
| Fitchburg R.R. Co., . . . | 200 | F. H. Peabody, . . . . | 100 |
| George A. Gardner, . . . | 100 | W. D. Pickman, . . . . | 100 |
| John L. Gardner, . . . | 200 | F. W. Palfrey, . . . . | 100 |
| Joseph B. Glover, . . . | 100 | Frank E. Peabody, . . . | 100 |
| Mrs. Ozias Goodwin, . . | 100 | A. L. Rotch, . . . . . | 100 |
| Miss Eliza Goodwin, . . | 100 | Henry B. Rogers, . . . | 100 |
| R. C. Greenleaf, . . . . | 100 | Henry Saltonstall, . . . | 100 |
| W. O. Grover, . . . . . | 100 | F. R. Sears, . . . . . | 100 |
| Mrs. Helen M. Gardner, . | 100 | J. P. Squire & Co., . . . | 200 |
| George Higginson, . . . | 100 | Mrs. G. H. Shaw, . . . | 100 |
| F. L. Higginson, . . . . | 100 | Henry S. Shaw, . . . . | 100 |
| Miss Eunice Hooper, . . | 100 | Nathaniel Thayer, . . . | 200 |
| George D. Howe, . . . . | 100 | J. E. Thayer, . . . . . | 100 |
| Hoosac Tunnel Dock & Elevator Co., . . . . | 100 | Bayard Thayer, . . . . | 100 |
| E. W. Hooper, . . . . | 100 | George W. Wales, . . . | 100 |
| F. Haven, Jr., . . . . . | 100 | Charles E. Ware, . . . | 100 |
| Samuel Johnson, . . . . | 100 | R. C. Winthrop, Jr., . . | 100 |
| Mrs. Charlotte A. Johnson, | 100 | Otis E. Weld, . . . . . | 100 |
| Amory A. Lawrence, . . | 100 | Henry Woods, . . . . | 100 |
| Mrs. Anna C. Lodge, . . | 100 | Miss Anne Wigglesworth, | 200 |
| Theodore Lyman, . . . | 100 | J. Huntington Wolcott, . | 100 |
| W. Powell Mason, . . . | 100 | Mrs. Thomas Lindall Winthrop, . . . . . | 100 |
| Ida M. Mason, . . . . | 100 | Mrs. J. Huntington Wolcott, . . . . . | 100 |
| Mass. Humane Society, . | 200 | | $11,356 |
| *Carried forward*, . . . | $7,756 | | |

| | |
|---|---|
| Total Free Bed Subscriptions (88) in 1886, . . . . . | $10,812 |
| Total Free Bed Subscriptions (89) in 1887, . . . . . | 11,356 |

## TABLE No. 9.— LIBRARY FUNDS.

### TREADWELL LIBRARY FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1886: — | | |
| Principal, . . . . . | | $5,000.00 |
| Income Debit Balance, . . . . . | $24.65 | |
| 1887, Income received, . . . . . | 295.00 | |
| | $270.35 | |
| Income expended, . . . . . | 180.80 | |
| | $89.55 | |
| Balance, Dec. 31, 1887: — | | |
| Principal, . . . . . | | 5,000.00 |
| Income, . . . . . | $89.55 | |

WARREN LIBRARY FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1886: — | | |
| Principal, | | $1,000.00 |
| Income, | $580.62 | |
| Amount of Income received, 1887, | 59.00 | |
| | $639.62 | |
| Balance, Dec. 31, 1887: — | | |
| Principal, | | 1,000.00 |
| Income, | $639.62 | |

TABLE No. 10.

WOODEN LEG FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1886: — | | |
| Principal, | | $5,000.00 |
| Income, | $630.19 | |
| 1887, Income received, | 295.00 | |
| | $925.19 | |
| Income expended, | 450.00 | |
| | $475.19 | |
| Balance, Dec. 31, 1887: — | | |
| Principal, | | $5,000.00 |
| Income, | $475.19 | |

TABLE No. 11.

THE BOWDITCH HISTORY FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1886: — | | |
| Principal, | | $2,000.00 |
| Income, | | 1,067.27 |
| | | $3,067.27 |
| Amount of Income received, | $118.00 | |
| Amount of Income expended, | 305.91 | 187.91 |
| | | $2,879.36 |
| Balance, Dec. 31, 1887: — | | |
| Principal, | $2,000.00 | |
| Income, | 879.36 | |
| | $2,879.36 | |

TABLE No. 12.

GENERAL FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1886, . . . . . | $1,139,643.18 | |
| Add one-third profits of Mass. Hospital Life Ins. Co., . . . . . | 5,000.00 | |
| Add stock dividend Amoskeag Manufacturing Company, . . . . . | 2,766.00 | |
| Add donation of Edward W. Hooper, . . . | 1,500.00 | |
| | | $1,148,909.18 |
| Less balance of Insurance Account, . . . | $493.75 | |
| Less balance of premiums for Stocks and Bonds, . . . . . | 3,334.53 | |
| Less amount paid J. Wilson, Annuitant, . | 710.00 | |
| Less balance of expenses over Income, . . | 22,982.09 | |
| Balance, Dec. 31, 1887, . . . . . | 1,121,388.81 | |
| | | 1,148,909.18 |

TABLE No. 13.

RESTRICTED FUNDS.

## Income devoted to Free Beds: —

| | |
|---|---|
| The Joy Fund, being a bequest from Miss Nabby Joy, . . . . . | $20,000.00 |
| Belknap Fund, being a bequest from Jeremiah Belknap, . . . . . | 10,000.00 |
| Wm. Phillips Fund, being a bequest from Wm. Phillips, . . . . . | 5,000.00 |
| Williams Fund, being a bequest from John D. Williams, of estate No. 17 Blackstone Street, . . . . . | 19,600.00 |
| Bromfield Fund, being half of a bequest from John Bromfield, . . . . . | 20,000.00 |
| Miss Townsend Fund, being a donation from the Executors of the will of Miss Mary P. Townsend, . . . . | 11,486.50 |
| Brimmer Fund, being a bequest from Miss Mary Ann Brimmer, . . . . | 5,000.00 |
| Wilder Fund, being a bequest from Charles W. Wilder, . . . . . | 12,000.00 |
| Sever Fund, being a bequest from Miss Martha Sever, . . . . . | 500.00 |
| Thompson Fund, being a bequest from S. B. Thompson, . . . . . | 500.00 |
| *Amount carried forward*, . . . . . | $104,086.50 |

| | |
|---|---|
| *Amount brought forward*, . . . . . | $104 086.50 |
| Tucker Fund, being a bequest from Miss Margaret Tucker, . . . . . | 3,312.37 |
| Davis Fund, being a bequest from Mrs. Eleanor Davis, . . . . . | 900.00 |
| Loring Fund, being a bequest from Abigail Loring, . . . . . | 5,000.00 |
| Nichols Fund, being a bequest from B. R. Nichols, . . . . . | 6,000.00 |
| Gray Fund, being a donation from John C. Gray, . . . . . | 1,000.00 |
| Dowse Fund, being a bequest from Thomas Dowse, . . . . . | 5,000.00 |
| Todd Fund, being a bequest from Henry Todd, . . . . . | 5,000.00 |
| J. Phillips Fund, being a bequest from Jonathan Phillips, . . . . . | 10,000.00 |
| Greene Fund, being a bequest from Benj. D. Greene, . . . . . | 5,000.00 |
| Percival Fund, being a bequest from John Percival, . . . . . | 950.00 |
| Pickens Fund, being a bequest from John Pickens, . . . . . | 1,676.75 |
| Treadwell Fund, being part of a bequest from J. G. Treadwell, . . . . . | 38,703.91 |
| Raymond Fund, being a bequest from E. A. Raymond, . . . . . | 2,820.00 |
| Harris Fund, being part of a bequest from Charles Harris, . . . . . | 1,000.00 |
| Mason Fund, being a bequest from Wm. P. Mason, . . . . . | 9,400.00 |
| Sawyer Fund, being part of a bequest from M. P. Sawyer, . . . . . | 7,000.00 |
| J. L. Gardner Fund, being a donation from J. L. Gardner, . . . . . | 20,000.00 |
| B. T. Reed Fund, being a donation from Benj. T. Reed, . . . . . | 1,000.00 |
| Wm. Reed Fund, being a bequest from Wm. Reed, . . . . . | 5,233.92 |
| McGregor Fund, being half of a donation and bequest from James McGregor, . | 7,500.00 |
| Miss Rice Fund, being a bequest from Miss Arabella Rice, . . . . . | 5,000.00 |
| Templeton Fund, being half of a bequest from John Templeton, . . . . . | 5,000.00 |
| Mrs. J. H. Rogers Fund, being a donation from J. H. Rogers, . . . . . | 1,177.50 |
| *Amount carried forward*, . . . . . | $251,760.95 |

| | |
|---|---|
| *Amount brought forward*, . . . . . | $251,760.95 |
| Beebe Fund, being a bequest from J. M. Beebe, . . . . . | 50,000.00 |
| Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln, . . . . | 85,000.00 |
| Blanchard Fund, being a bequest from Mrs. M. B. Blanchard, . . . . . | 4,000.00 |
| George Gardner Fund, being a donation from George Gardner, . . . . . | 1,000.00 |
| Hemenway Fund, being a donation from the Executors of the will of Augustus Hemenway, . . . . . | 20,000.00 |
| Jessup Fund, being part of a bequest from Dr. Chas. A. Jessup, . . . . | 1,000.00 |
| Tufts Fund, being a bequest from Quincy Tufts, . . . . . | 10,000.00 |
| Read Fund, being half of a bequest from Jas. Read, . . . . . | 1,000.00 |
| Parker Fund, being a bequest from Jno. Parker, Jr., . . . . . | 10,000.00 |
| Miss Shaw Fund, being a donation and bequest from Miss M. Louisa Shaw, . | 5,500.00 |
| Eliza Perkins Fund, being a donation from Mrs. H. B. Rogers, . . . . . | 1,000.00 |
| Dwight Fund, being a donation from Mrs. T. Bradford Dwight, . . . . | 1,000.00 |
| Hunnewell Fund, being a donation from H. H. Hunnewell, . . . . . | 10,000.00 |
| R. M. Mason Fund, being a bequest from R. M. Mason, . . . . . | 5,000.00 |
| Hannah Lowell Cabot Fund, being a donation from Dr. Samuel Cabot, . . . | 1,000.00 |
| Welles Fund, being a donation from Miss Jane Welles, . . . . . | 5,000.00 |
| Black Fund, being a bequest from Miss Marianna Black, . . . . . | 2,000.00 |
| Eben Wright Fund, being an assignment of legacies by the children of T. Jefferson Coolidge, . . . . . | 14,000.00 |
| Paraclete Holmes Fund, being a donation from W. S. Adams, . . . . . | 2,000.00 |
| Estabrooks Fund, being a bequest from J. W. Estabrooks, . . . . . | 1,000.00 |
| The Thayer Fund, being a bequest from Nathaniel Thayer, . . . . . | 30,000.00 |
| Sawyer Fund, being part of a bequest from M. P. Sawyer, . . . . . | 59,397.85 |
| *Amount carried forward*, . . . . . | $570,658.80 |

| | | |
|---|---|---|
| *Amount brought forward*, . . . . . | $570,658.80 | |
| Ann E. Gray Fund, being a bequest from Miss Ann E. Gray, . . . . . | 5,000.00 | |
| John Bertram Fund, being a donation from Mrs. Clara Bertram Kimball, . | 5,000.00 | |
| Hannah C. Leland Fund, being a bequest from Mrs. Hannah C. Leland, . . . | 15,000.00 | |
| Esther E. Beebe Fund, being a bequest from Mrs. Esther E. Beebe, . . . | 2,000.00 | |
| Ella F. Roehl Fund, being part of a bequest from Ella F. Roehl, . . . | 6,000 00 | |
| Two subscriptions from Friends, $100 each, . . . . . | 200.00 | |
| Henry B. Rogers Fund, being a bequest from Henry B. Rogers, . . . . . | 10,000.00 | |
| John H. Eastburn Fund, being a bequest from John H. Eastburn, . . . . . | 10,000.00 | |
| Mrs. Susan F. Eastburn Fund, being a bequest from Mrs. Susan F. Eastburn, | 1,000.00 | |
| William B. Craft Fund, being a bequest from William B. Craft, . . . . . | 5,000.00 | |
| Emily W. Appleton Fund, being a donation from Mrs. Emily W. Appleton, . | 1,000.00 | $630,858.80 |

## Income devoted to beneficiaries at Asylum:—

| | | |
|---|---|---|
| The Bromfield Fund, being half of a bequest from John Bromfield, . . . . . | $20,000.00 | |
| Read Fund, being half of a bequest from Jas. Read, . . . . . | 1,000.00 | |
| Appleton Fund, $10,010 being a bequest from Samuel Appleton, $20,000 being a donation from Wm. Appleton, . . | 30,010.00 | |
| McGregor Fund, being half of a donation and bequest from James McGregor, . | 7,500.00 | |
| Austin Fund, being part of a bequest from Mrs. Agnes Austin, . . . . | 5,000.00 | |
| Kittredge Fund, being a bequest from Rufus Kittredge, . . . . . | 5,500.00 | |
| Templeton Fund, being half of a bequest from John Templeton, . . . . . | 5,000.00 | |
| Proctor Fund, being a bequest from Mrs. Lydia P. Proctor, . . . . . | 1,000.00 | |
| | | 75,010.00 |
| *Amount carried forward*, . . . . . | | $705,868.80 |

| | |
|---|---|
| *Amount brought forward*, . . . . . | $705,868.80 |
| **Income devoted to Female Beneficiaries at Asylum:—** | |
| The Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln, . . . . | 85,000.00 |
| **Income unrestricted:—** | |
| The Waldo Fund, being a bequest from Daniel Waldo, . . . . . | 40,000.00 |
| **Income devoted to any purpose except buildings:—** | |
| The Redman Fund, being a bequest from John Redman, . . . . . | 455,113.34 |
| **Income devoted to a Triennial Prize:—** | |
| The Warren Prize Fund, being a bequest from Dr. J. M. Warren, . . . . . | 3,579.92 |
| **Income devoted to the Library:—** | |
| The Treadwell Library Fund, being part of a bequest from J. G. Treadwell, . . . | 5,000.00 |
| **Income devoted to Books for Patients:—** | |
| The Warren Library Fund, being a donation from Dr. J. C. Warren, . . . . . | 1,000.00 |
| **Income and Principal devoted to the publication of a History of the Hospital:—** | |
| The Bowditch History Fund, being a bequest from N. I. Bowditch, . . . . . | 2,000.00 |
| **Income devoted to Amusements at the Asylum:—** | |
| The Amusement Fund, $5,000 being a bequest from Miss Mary Louisa Shaw, $5,000 being a donation from Mrs. Quincy A. Shaw and other Ladies, . . . . . | 10,000.00 |
| *Amount carried forward*, . . . . | $1,307,562.06 |

| | | |
|---|---|---|
| *Amount brought forward,* . . . . . | | $1,307,562.06 |
| Income devoted to Special Surgical Instruments: — | | |
| The Surgical Instrument Fund, being a donation from Dr. H. J. Bigelow, $1,250; donation of Mr. R. M. Moore, $100, | | 1,350.00 |
| The Wooden Leg Fund: — | | |
| Being a bequest from N. I. Bowditch, . . . | | 5,000.00 |
| The Convalescent Home Fund, | $132,280.66 | |
| Donation from Mr. George A. Gardner, . . . . . | 5,000.00 | |
| Donation from Miss Mary Russell, . . . . . | 40.00 | |
| | | 137,320.66 |
| Permanent Free Beds: — | | |
| Miss Marian Hovey, . . . . . | $1,000.00 | |
| Mrs. Fanny H. Morse, . . . . . | 1,000.00 | |
| Henry S. Hovey, . . . . . | 1,000.00 | |
| Edward Woodman, . . . . . | 1,000.00 | |
| Children of Mrs. Henry Windsor, . . . . . | 1,000.00 | |
| D. R. Whitney, . . . . . | 1,000.00 | |
| George Gardner, . . . . . | 1,000.00 | |
| | | 7,000.00 |
| Redman Annuities, . . . . . | | 15,600.00 |
| Clara Barton Annuity, . . . . . | | 3,241.00 |
| Asylum Building Fund, . . . . . | | 187,415.93 |
| G. H. Gay Fund, . . . . . | | 6,142.53 |
| Dr. J. H. Whittemore Memorial Fund, . . . . . | | 33,720.00 |
| S. R. Urbino Fund, . . . . . | | 5,000.00 |
| *Amount carried forward,* . . . . . | | $1,709,352.18 |

| | | |
|---|---|---|
| *Amount brought forward,* . . . . . | | $1,709,352.18 |
| Add unused income at credit of | | |
| Warren Prize Fund, . . . . . | $360.32 | |
| Warren Library Fund, . . . . . | 639.62 | |
| Bowditch History Fund, . . . . . | 879.36 | |
| Surgical Instrument Fund, . . . . . | 1,475.21 | |
| Wooden Leg Fund, . . . . . | 475.19 | |
| Clara Barton Annuity, . . . . . | 191.22 | |
| Treadwell Library Fund, . . . . . | 89.55 | |
| | | 4,110.47 |
| Total of Restricted Funds, . . . . . | | $1,713,462.65 |

## TRIAL BALANCE, DECEMBER 31, 1887.

| *Dr.* | | *Cr.* | |
|---|---|---|---|
| Land and Buildings for Asylum, | $320,794.75 | | |
| Land and Buildings for Hospital, | 576,091.51 | | |
| Land and Improvements at Belmont, | 83,399.41 | | |
| Annuities Receivable, | 160,000.00 | | |
| Insurance Stock, | 50,000.00 | | |
| Reversions (see "Suspense"), | 10.00 | | |
| Delaware Mutual Insurance Company's Scrip, | 520.00 | | |
| Manufacturing Stocks, | 47,400.00 | | |
| Bank Stocks, | 78,200.00 | | |
| Railroad Stocks, | 25,500.00 | | |
| Railroad Bonds, | 619,600.00 | | |
| Notes Receivable, | 292,100.00 | | |
| City and Town Bonds, | 13,000.00 | | |
| United States 4% Bonds, | 10,000.00 | | |
| Real Estate, Productive, | 409,866.64 | | |
| Real Estate on Fruit Street and vicinity, | 62,968.64 | | |
| Building on Floral Place, | 46,794.41 | | |
| Edward Cowles, Superintendent, | 28,468.95 | | |
| John W. Pratt, Resident Physician, | 2,342.59 | | |
| Cash, | 16,910.56 | | |
| | $2,843,967.46 | | |
| Redman Fund, | | $455,113.34 | |
| Warren Prize Fund, | | 3,579.92 | $360.32 |
| Bowditch History Fund, | | 2,000.00 | 879.36 |
| Wooden Leg Fund, | | 5,000.00 | 475.19 |
| Clara Barton Annuity, | | 3,241.00 | 191.22 |
| Surgical Instrument Fund, | | 1,350.00 | 1,475.21 |
| Amusement Fund, | | 10,000.00 | |
| Free Beds Fund, | | 630,858.80 | |
| Warren Library Fund, | | 1,000.00 | 639.62 |
| Beneficiaries at Asylum Fund, | | 75,010.00 | |
| Treadwell Library Fund, | | 5,000.00 | 89.55 |
| Lincoln Fund, | | 85,000.00 | |
| Funds with Income Unrestricted, | | 40,000.00 | |
| Permanent Free Beds Fund, | | 7,000.00 | |
| Suspense (see "Reversions"), | | 10.00 | |
| Notes Payable, | | 3,500.00 | |
| Asylum Building Fund, | | 187,415.93 | |
| G. H. Gay Fund, | | 6,142.53 | |
| General Fund, | | 1,121,388.81 | |
| Convalescent Fund, | | 137,320.66 | |
| Subscribers to Free Beds for 1888, | | 5,556.00 | |
| Redman Annuities, | | 15,600.00 | |
| Joy Annuitants, | | 50.00 | |
| Dr. J. H. Whittemore Memorial Fund, | | 33,720.00 | |
| S. R. Urbino Fund, | | 5,000.00 | |
| | | $2,839,856.99 | $4,110.47 |
| | | 4,110.47 | |
| | | $2,843,967.46 | |

Property on hand belonging to the Corporation invested as follows: —

INVESTMENTS PRODUCING NO INCOME.

| | | | |
|---|---|---|---|
| Asylum: | Land and Buildings occupied for Asylum, | $320,794.75 | |
| | Superintendent's balance, | 28,468.95 | |
| Hospital: | Land and Buildings occupied for Hospital, | 576,091.51 | |
| | Resident Physician's balance, | 2,342.59 | |
| Convalescent Home: | Land and Buildings at Belmont, | 83,399.41 | |
| | Memorandum of expectancies, | 10.00 | |
| | | | $1,011,107.21 |

INVESTMENTS PRODUCING INCOME.

| | |
|---|---|
| Policies Mass. Hospital Life Ins. Co., | $160,000.00 |
| 500 shares Mass. Hospital Life Ins. Co., | 50,000.00 |
| $50,000 Eastern Railroad Co.'s Bonds, | 50,000.00 |
| $20,000 Kansas City & Cameron Railroad Bonds, | 20,000.00 |
| $5,000 Boston & Albany Railroad Co.'s 7 per cent. Bonds, | 5,000.00 |
| $100,000 Chicago, Bur. & Quincy R.R. 7 per cent. Bonds, | 100,000.00 |
| $52,000 Chicago, Bur. & Quincy R.R. 5 per cent. Bonds, | 52,000.00 |
| $10,000 Chicago, Bur. & Quincy R.R. 4 per cent. Bonds, | 10,000.00 |
| $30,000 Chicago, Bur. & Northern R.R. 5 per cent. Bonds, | 30,000.00 |
| $25,000 Chicago, Bur. & Northern R.R. 6 per cent. Bonds, | 25,000.00 |
| $100,000 Atch., Topeka & Santa Fé R.R. 7 per cent. Bonds, | 100,000.00 |
| $100,000 Atch., Top. & Santa Fé R.R. 4 1-2 per cent. Bonds, | 100,000.00 |
| $1,000 Atch., Topeka & Santa Fé R.R. 6 per cent. Bond, | 1,000.00 |
| $40,600 Bur. & Mo. River in Neb. R.R., Non-ex. 6 per cent. Bonds, | 40,600.00 |
| $10,000 Bur. & Mo. River in Neb. R.R., Exempt 6 per cent. Bonds, | 10,000.00 |
| $10,000 Atchison, Topeka & Santa Fé R.R. Land Grant 7 per cent. Bonds, | 10,000.00 |
| $10,000 Kansas City, Topeka & Western R.R. 7 per cent. Bonds, | 10,000.00 |
| $7,000 Cedar Rapids & Mo. River R.R. 7 per cent. Bonds, | 7,000.00 |
| $5,000 Bur., Cedar Rapids & Northern R.R. 5 per cent. Bonds, | 5,000.00 |
| $4,000 Ft. Scott, So. Eastern & Mem. R.R. 7 per cent. Bonds, | 4,000.00 |
| $10,000 Fremont, Elkhorn & Mo. Valley R.R., 6 per cent. Bonds, | 10,000.00 |
| $30,000 Union Pacific R.R. Skg. Fd. 8 per cent. Bonds, | 30,000.00 |
| $10,000 United States 4 per cent. Bonds, | 10,000.00 |
| $2,000 City of Providence 5 per cent. Bonds, | 2,000.00 |
| $6,000 City of Kansas 8 per cent. Bonds, | 6,000.00 |
| *Amount carried forward,* | $847,600.00 |

| | |
|---|---|
| *Amount brought forward*, | $847,600.00 |
| $3,000 City of Charlestown 6 per cent. Bonds, | 3,000 00 |
| $1,000 City of Lynn 6 per cent. Bonds, | 1,000.00 |
| $1,000 City of Chelsea 6 per cent. Bonds, | 1,000.00 |
| 100 Shares Old Colony R.R. Co., | 10,000.00 |
| 155 " Boston & Albany R.R. Co., | 15,500.00 |
| 14 " Merrimack Manufacturing Co., | 14,000.00 |
| 1 Share Appleton " " | 1,000.00 |
| 9 Shares Amory " " | 900.00 |
| 14 " Amoskeag " " | 14,000.00 |
| 25 " Great Falls " " | 2,500.00 |
| 5 " Boston " " | 5,000.00 |
| 10 " Stark Mills " " | 10,000.00 |
| 100 " National Union Bank, | 10,000.00 |
| 100 " Suffolk National Bank, | 10,000.00 |
| 70 " Tremont " " | 7,000.00 |
| 50 " Old Boston " " | 2,500.00 |
| 87 " State " " | 8,700.00 |
| 100 " Columbian " " | 10,000.00 |
| 100 " Merchants' " " | 10,000.00 |
| 50 " New England National Bank, | 5,000.00 |
| 40 " Massachusetts " " | 10,000.00 |
| 50 " Eagle " " | 5,000.00 |
| Land and Store, 17 Blackstone Street, | 19,600.00 |
| " " " 168 Washington Street, | 45,000.00 |
| " " House, 61 Dartmouth Street, | 10,000.00 |
| Redman Estate, Washington Street, | 106,000.00 |
| Land and Houses on Warrenton Street, | 17,700.00 |
| " " Store, 496 Washington Street, | 55,500.00 |
| " " Houses on Chambers Street, | 23,900.00 |
| " " " " Cross Street, | 12,691.64 |
| " " House on Harrison Avenue, | 9,975.00 |
| " " " " Poplar Place, | 2,500.00 |
| Union Block, Union and Marshall Streets, | 66,875.00 |
| Robertson House, Hanover Street, | 40,125.00 |
| Building on Floral Place, | 46,794.41 |
| Real Estate, Fruit Street and vicinity, | 62,968.64 |
| Delaware Mutual Ins. Co. Scrip, | 520.00 |
| Notes secured by Mortgage, | 137,100.00 |
| Notes Receivable, Personal and Collateral Securities, | 155,000.00 |
| Cash, | 16,910.56 |
| Investments producing income, | $1,832,860.25 |
| Investments producing no income, | 1,011,107.21 |
| Total, foot of Trial Balance, | $2,843,967.46 |

F. HAVEN, Jr., *Treasurer.*

TABLE OF THE EXPENSES OF THE HOSPITAL AND ASYLUM FOR TWENTY-SIX YEARS,—1862 TO 1887.

ORDINARY EXPENSES.

| Year. | Cost of Paying Patients. | Cost of Free Patients. | Other Charities. | Total Expenses of | | Average cost per week per patient. | | Cost over Board. | |
|---|---|---|---|---|---|---|---|---|---|
| | Hospital. | Hospital. | Hospital. | Hospital. | Asylum. | Hospital. | Asylum. | Hospital. | Asylum. |
| 1862 | $6,628.65 | $35,072.01 | $414.15 | $42,114.81 | $71,823.46 | $6.04 | $7.27 | $36,260.92 | $6,640.81 |
| 1863 | 6,151.27 | 40,575.14 | 695.30 | 47,421.71 | 69,300.63 | 6.66 | 6.98 | 41,109.46 | 2,170.56 |
| 1864 | 10,224,81 | 49,286.53 | 648.21 | 60,159.55 | 101,484.38 | 8.38 | 9.76 | 52,445.01 | 4,523.85 |
| 1865 | 23,119.62 | 34,131.83 | 717.35 | 57,968.80 | 120,885.84 | 9.86 | 12.49 | 43,121 53 | 9,507.86 |
| 1866 | 30,086.08 | 37,538.12 | 1,162 60 | 68,786.80 | 126,015.83 | 13.88 | 12.30 | 53,809.36 | 558.19 |
| 1867 | 26,086.67 | 33,758.02 | 1,164.53 | 61,009.22 | 133,844.14 | 11.28 | 13.84 | 44,291.54 | ..... |
| 1868 | 23,663.50 | 42,481.71 | 1,419.26 | 67,564.47 | 142,535.36 | 12.74 | 16.51 | 52,893.02 | 14,642.07 |
| 1869 | 20,128.86 | 40,736.44 | 1,373.30 | 62,238.60 | 138,132.02 | 10.14 | 14.21 | 48,811.90 | ..... |
| 1870 | 15,844.35 | 46,087.42 | 883.05 | 62,814.82 | 134,339.63 | 10.05 | 13.83 | 50,811.01 | ..... |
| 1871 | 15,266.51 | 47,126.12 | 1,133.74 | 63,526.37 | 146,191.23 | 9.96 | 15.80 | 52,447.68 | 9,996.88 |
| 1872 | 12,664.70 | 56,537.74 | 1,497.86 | 70,700.30 | 153,327.60 | 10.10 | 16.93 | 59,547.91 | 14,917.57 |
| 1873 | 16,681.66 | 69,109.97 | 2,135.29 | 87,926.92 | 165,023.79 | 10.29 | 19.23 | 72,435.94 | 26,404.27 |
| 1874 | 14,198.41 | 64,266.27 | 2,634.60 | 81,099.28 | 161,934.11 | 10.13 | 19.59 | 67,548.81 | 2,750.66 |
| 1875 | 10,677.72 | 71,447.23 | 1,761.59 | 83,886.54 | 165,660.47 | 9.72 | 21.07 | 71,989.93 | 11,872.47 |
| 1876 | 11,344.58 | 82,033.60 | 1,312.94 | 94,691.12 | 164,973.80 | 9.41 | 19.72 | 82,027.86 | 13,019.51 |
| 1877 | 10,833.10 | 72,678.63 | 279.16 | 83,790.89 | 143,148.94 | 9.47 | 15.66 | 72,957.79 | ..... |
| 1878 | 11,252.42 | 85,102.61 | 588.98 | 96,944.01 | 136,394.36 | 9.87 | 15.55 | 83,516.61 | ..... |
| 1879 | 11,564.44 | 77,216.88 | 514.25 | 89,295.57 | 117,250.02 | 10.54 | 14.30 | 73,440.58 | ..... |
| 1880 | 10,529.35 | 81,085.73 | 462.82 | 92,077.90 | 131,172.69 | 10.39 | 16.48 | 79,280.61 | 10,078.33 |
| 1881 | 13,462.12 | 88,241.17 | 450.51 | 102,153.80 | 134,561.14 | 11.87 | 16.92 | 88,268.68 | 20,719.30 |
| 1882 | 12,947.98 | 95,642.45 | 8,928.82* | 117,519.25 | 138,518.26 | 12.43 | 17.02 | 95,684.95 | 18,172.21 |
| 1883 | 18,389.28 | 90,665.70 | 6,575.92* | 115,630.90 | 139,711.39 | 12.63 | 16.16 | 91,213.57 | 5,376.89 |
| 1884 | 21,476.00 | 101,954.31 | 6,873.69* | 130,304.00 | 139,201.67 | 14.75 | 16.00 | 107,974.18 | 2,612.02 |
| 1885 | 10,728.87 | 93,411.59 | 8,483.90* | 112,624.36 | 140,278.86 | 11.99 | 15.72 | 87,464.96 | |
| 1886 | 13,423.09 | 99,054.20 | 10,831.84* | 123,309.13 | 144,374.33 | 12.50 | 15.94 | 96,986.71 | 5,805.42 |
| 1887 | 15,337.90 | 105,543.61 | 9,856.94* | 130,738.45 | 139,497.70 | 12.56 | 16.35 | 105,012.17 | 15,049.93 |
| 26 years, . . . . . | | | | | | | | $1,811,352.69 | $194,818.80 |

* Including Convalescent Home.

# ANNUAL REPORT OF THE RESIDENT PHYSICIAN

OF THE

# MASSACHUSETTS GENERAL HOSPITAL

For the Year 1887.

---

Number of Patients in the Hospital January 1, 1888.

| | |
|---|---|
| Paying, | 18 |
| Free, | 183 |
| Total, | 201 |

Admitted from January 1, 1887, to January 1, 1888.

| | *Males.* | *Females.* | *Total.* |
|---|---|---|---|
| Patients paying board, | 255 | 174 | 429 |
| Patients paying board part of the time, | 30 | 15 | 45 |
| Patients entirely free, | 1,373 | 967 | 2,340 |
| | 1,658 | 1,156 | 2,814 |

| | *Medical.* | *Surgical.* |
|---|---|---|
| Males (Boys), 119, | 559 | 1,099 |
| Females (Girls), 73, | 581 | 575 |
| Children (2), 36, | | |
| | 1,140 | 1,674 |

Of these, 11 paid $35; 79 paid $21; 120 paid $14; 2 paid $10.50; 1 paid $10; 215 paid $7; 1 paid $6; 9 paid $5; 35 paid $3.50; 1 paid $2.50.

Whole number of patients treated during the year: paying, 447; paying a part of the time, 45; free, 2,523; total, 3,015.

Discharged during the Year.

| | *Medical.* | *Surgical.* | *Male.* | *Female.* | *Total.* |
|---|---|---|---|---|---|
| Well, | 623 | 1,071 | 974 | 720 | 1,694 |
| Much relieved, | 142 | 134 | 160 | 116 | 276 |
| Relieved, | 139 | 150 | 163 | 126 | 289 |
| Not relieved, | 53 | 36 | 55 | 34 | 89 |
| Not treated, | 70 | 103 | 101 | 72 | 173 |
| Dead, | 127 | 118 | 175 | 70 | 245 |
| Insane and eloped, | 3 | 20 | 15 | 8 | 23 |
| | 1,157 | 1,632 | 1,643 | 1,146 | 2,789 |

Number of Patients remaining December 31, 1887.

| | |
|---|---|
| Males, | 110 |
| Females, | 91 |
| Total, | 201 |
| Paying, | 18 |
| Free, | 183 |
| Total, | 201 |
| Medical, | 83 |
| Surgical, | 118 |
| Total, | 201 |

Proportion of deaths to whole number of results, 8.78 per cent.

Number of patients received on account of accidents, 490.

The greatest number of paying patients at any one time was 40; in private rooms, 8; the greatest number of free patients, 196; the greatest total, 217. The least number of paying patients at any one time was 11; in private rooms, 1; the least free, 118; the least total, 150.

The proportion of ward beds occupied by free patients was 86 per cent.; by paying patients, 14 per cent.

About 19.8 of the paying patients occupied private

rooms. The average number of patients was 185: males, 107; females, 78.

The average number of paying patients was 24: Americans, 15; foreigners, 9.

The average number in private rooms was 6.

The average number of free patients was 161: Americans, 79; foreigners, 82.

The average time of paying patients was 2.90 weeks; and that of free patients, 3.57.

Residences.

| | |
|---|---|
| Boston, | 1,025 |
| Massachusetts (excepting Boston), | 1,590 |
| Maine, | 32 |
| New Hampshire and Vermont, | 73 |
| Rhode Island and Connecticut, | 38 |
| Other States, | 32 |
| British Provinces, | 24 |
| | 2,814 |

Birthplaces.

| | |
|---|---|
| Boston, | 208 |
| Massachusetts (excepting Boston), | 757 |
| Maine, | 147 |
| New Hampshire, | 78 |
| Vermont, | 47 |
| Rhode Island and Connecticut, | 45 |
| New York, | 46 |
| Southern and Western States, | 48 |
| Total Americans, | 1,376 |
| British Provinces, | 328 |
| Great Britain, | 162 |
| Ireland, | 754 |
| Germany, | 58 |
| Norway and Sweden, | 57 |
| France, | 13 |
| Switzerland, | 2 |
| Italy, | 24 |
| Other places, | 40 |
| Total foreigners, | 1,438 |

Occupations.

| *Males.* | *Paying.* | *Free.* | *Partial.* |
|---|---|---|---|
| Mechanics, | 46 | 326 | 9 |
| Laborers, | 29 | 404 | 7 |
| Farmers, | 17 | 49 | 2 |
| Minors, | 8 | 127 | 3 |
| Seamen, | 12 | 57 | 1 |
| Clerks, | 31 | 109 | 3 |
| Teamsters, | 8 | 49 | 1 |
| Traders, | 25 | 44 | 1 |
| Servants, | 7 | 69 | 2 |
| Lawyers, | 2 | | |
| Clergymen, | 2 | | 1 |
| Physicians, | 8 | 3 | |
| Merchants, | 40 | 44 | |
| Students, | 12 | 13 | |
| Other professions, | 8 | 79 | |
| | 255 | 1,373 | 30 |

Total males, 1,658. Of these, 64 were in private rooms.

| *Females.* | *Paying.* | *Free.* | *Partial.* |
|---|---|---|---|
| Domestics, | 32 | 334 | |
| Minors, | 9 | 89 | 2 |
| Wives, | 85 | 306 | 8 |
| Widows, | 18 | 64 | 4 |
| Seamstresses, | 2 | 34 | 1 |
| Spinsters, | 10 | 27 | |
| Operatives, | 1 | 17 | |
| Teachers, | 10 | 10 | |
| Clerks, | | 22 | |
| Nurses, | | 23 | |
| Other professions, | 7 | 41 | |
| | 174 | 967 | 15 |

Total females, 1,156. Of these, 31 were in private rooms.

Fourteen per cent. of the free patients were female domestics; seventeen per cent. were laborers; thirteen per cent. were mechanics; and nine per cent. were minors.

Admissions Refused.

| | |
|---|---|
| Phthisis (Consumption), | 8 |
| Syphilis, | 3 |
| Chronic Ulcers, | 3 |
| Scrofula and Abscesses, | 7 |
| *Carried forward*, | 21 |

| | |
|---|---|
| *Brought forward*, | 21 |
| Hip and Spine, | 9 |
| Chronic Rheumatism, | 6 |
| Paralysis, | 7 |
| Epilepsy, | 1 |
| Of Skin, | 1 |
| Contagious, | 3 |
| Other diseases, | 13 |
| Total, | 62 |

| | |
|---|---|
| Males, | 34 |
| Females, | 28 |
| Americans, | 48 |
| Foreigners, | 14 |
| Residents of Boston, | 32 |
| Residents of Massachusetts, | 23 |
| Residents of other places, | 7 |

Out-patients.

| | |
|---|---|
| Number of new patients, | 18,981 |
| Men, | 8,675 |
| Women, | 7,362 |
| Children, | 2,944 |
| Americans, | 9,601 |
| Foreigners, | 9,380 |
| Residents of Boston, | 11,259 |
| Of other places, | 7,722 |
| Medical department for women, | 4,223 |
| Medical department for men and children, | 4,294 |
| Surgical department, | 5,930 |
| Ophthalmic department, | 687 |
| Department for diseases of the skin, | 1,785 |
| Department for diseases of the nervous system, | 853 |
| Department for diseases of the throat, | 1 209 |

Total attendance, 48,913.

Average daily attendance, 156.

## Of the surgical cases there were: —

| | |
|---|---|
| Head and face, | 410 |
| Trunk, | 222 |
| Fractures of clavicle, | 59 |
| Shoulder and arm, | 215 |
| Forearm and wrist, | 349 |
| Elbow, | 157 |
| Hand, | 918 |
| *Carried forward*, | 2,330 |

| | |
|---|---|
| *Brought forward*, | 2,330 |
| Thigh, leg, ankle, foot, | 593 |
| Knee, | 320 |
| Genito-urinary, | 374 |
| Syphilis, | 154 |
| Bones and Periosteum, | 215 |
| Rheumatism and Neuralgia, | 115 |
| Abscesses and Inflamed Glands, | 642 |
| Ulcers, | 206 |
| Burns and Miscellaneous, | 981 |
| Total, | 5,930 |

| | |
|---|---|
| Number of applicants, | 16,590 |
| Number admitted, | 15,304 |
| Number refused, | 484 |
| Number sent to physician's office, | 802 |
| Number visited, | 1,252 |
| Number visited, correct statement, | 715 |
| Number visited, incorrect statement, | 537 |

## Convalescent Home:—

| | |
|---|---|
| Admitted to the Home in 1883, | 101 |
| Admitted to the Home in 1884, | 187 |
| Admitted to the Home in 1885, | 315 |
| Admitted to the Home in 1886, | 295 |

| | *Males.* | *Females.* | *Total.* |
|---|---|---|---|
| Remaining Jan. 1, 1887, | 11 | 8 | 19 |
| Admitted during 1887, | 144 | 164 | 308 |
| Total, | 155 | 172 | 327 |
| Discharged, | 147 | 164 | 311 |
| Remaining Jan. 1, 1888, | 8 | 8 | 16 |

The Young Men's Christian Union gave us twenty-five rides, taking out one hundred and fifty-eight patients.

Respectfully submitted,

JOHN W. PRATT,
*Resident Physician.*

Boston, Jan. 1, 1888.

TABLE SHOWING THE COST OF THE PRINCIPAL STORES AT THE MASSACHUSETTS GENERAL HOSPITAL.

| Articles. | 1879. | | | 1880. | | | 1881. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. |
| Beef, Sirloin, lbs. | 8,375 | $1,716.87 | .205 | 8,815 | $1,692.99 | .1941 | 8,658 | $1,792.20 | .207 |
| " for Soup, " | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| " Corned, " | 4,123 | 288.61 | .07 | 4,952 | 346.64 | .07 | 5,183 | 367.99 | .07 |
| " Round, " | 12,973 | 1,054.70 | .0813 | 16,414 | 1,148.98 | .07 | 19,477 | 1,636.06 | .084 |
| " Rump, " | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| " Roasting, " | 14,141 | 1,341.98 | .0949 | 16,439 | 1,643.90 | .10 | 16,438 | 1,758.86 | .107 |
| Mutton, . . " | 12,592 | 1,385.12 | .11 | 15,522 | 1,876.60 | .1208 | 21,093 | 2,720.99 | .129 |
| Poultry, . . " | 14,488 | 2,433.98 | .168 | 13,682 | 2,123.44 | .1552 | 13,562 | 2,278.41 | .168 |
| Butter, . . . " | 10,526 | 2,589.39 | .246 | 11,011 | 3,366.06 | .3057 | 11,129 | 3,505.63 | .315 |
| Eggs, . . doz. | 4,392 | 843.26 | .192 | 4,214 | 866.39 | .2056 | 4,401 | 1,188.27 | .26 |
| Flour, . . bbls. | 37 | 266.80 | 7.40 | 51 | 440.15 | 8.65 | 49 | 468.73 | 9.565 |
| Bread, . . lbs. | 36,556 | 1,827.80 | .05 | 40,536 | 2,026.80 | .05 | 4,892 | 1,744.60 | .05 |
| Ice, . . . tons. | 271¾ | 714.70 | 2.63 | 280¼ | 1,297.56 | 4.63 | 305 | 887.55 | 2.91 |
| Sugar, . . lbs. | 15,462 | 1,189.32 | .0769 | 21,005 | 2,003.87 | .0954 | 20,552 | 1,901.06 | .09 |
| Tea, . . . lbs. | 848 | 337.82 | .398 | 1,134½ | 471.95 | .416 | 555 | 244.22 | .44 |
| Milk, . . . qts. | 96,186 | 4,934.34 | .0513 | 89,904½ | 4,495.22½ | .05 | 92,350 | 4,617.50 | .05 |
| Potatoes, . bush. | 942 | 1,010.76 | 1.073 | 1,039½ | 902.58 | .868 | 981 | 1,101.66 | 1.125 |

| Articles. | 1882. | | | 1883. | | | 1884. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. |
| Beef, Sirloin, lbs. | 7,856 | $1,931.95 | .245 | 8,793 | $1,975.38 | .224 | 8,845½ | $2,183.64 | .246 |
| " for Soup, " | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| " Corned, " | 6,522 | 673.76 | .103 | 6,925½ | 670.88 | .095 | 6,487 | 583.08 | .09 |
| " Round, " | 19,705 | 1,976.68 | .103 | 22,327 | 2,12 0.83 | .095 | 25,821 | 2,531.60 | .098 |
| " Rump, " | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| " Roasting, " | 16,221 | 2,159.07 | .133 | 16,962 | 2,047.78 | .120 | 16,438 | 2,003.44 | .121 |
| Mutton, . . " | 16,365 | 2,216.01 | .135 | 21,075 | 2,999.89 | .142 | 15,186½ | 2,102.29 | .138 |
| Poultry, . . " | 12,082 | 2,348.41 | .195 | 10,263 | 2,318.56 | .225 | 12,798 | 2,523.79 | .197 |
| Butter, . . . " | 16,843 | 3,770.97 | .221 | 10,468 | 3,329.97 | .317 | 11,321 | 3,636.60 | .32 |
| Eggs, . . doz. | 5,234 | 1,470.59 | .281 | 5,479 | 1,491.60 | .272 | 8,374 | 2,182.67 | .26 |
| Flour, . . bbls. | 49 | 459.25 | 9.937 | 52 | 406.00 | 7.80 | 53 | 383.25 | 7.23 |
| Bread, . . lbs. | 35,340 | 1,943.70 | .055 | 34,971 | 1,923.42 | .055 | 36,245 | 1,992.48 | .054 |
| Ice, . . . tons. | 352¾ | 737.72 | 2.209 | 380 1/10 | 679.27 | 1.78 | 407.55 | 773.20 | 1.89 |
| Sugar, . . lbs. | 22,192 | 2,021.57 | .091 | 20,980 | 1,801.38 | .086 | 22,474 | 1,563.49 | .069 |
| Tea, . . . lbs. | 1,114 | 446.85 | .401 | 1,074 | 432.60 | .402 | 1,080 | 435.85 | .403 |
| Milk, . . . qts. | 95,358 | 5,007.70 | .052 | 106,032 | 5,637.78 | .053 | 111,068½ | 5,907.26 | .053 |
| Potatoes, . bush. | 1,005 | 1,374.72 | 1.368 | 1,062½ | 1,129.15 | 1.063 | 1,195 | 1,005.25 | .917 |

| Articles. | 1885. | | | 1886. | | | 1887. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. |
| Beef, Sirloin, lbs. | 9,543 | $2,160.12 | .226 | 9,764 | $2,206.32 | .225 | 9,516 | $1,972.84 | .20 |
| " Corned, " | 6,345 | 561.45 | .088 | 6,216 | 493.61 | .08 | 6,051 | 423.57 | .07 |
| " Round, " | 25,140 | 2,220.83 | .08 | 28,474 | 2,456.05 | .088 | 29,957 | 2,310.12 | .077 |
| " Rump, " | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| " Roasting, " | 17,220 | 1,936.58 | .112 | 18,346 | 1,972.72 | .10 | 18,928 | 1,652.59 | .08 |
| Mutton, . . " | 13,189 | 1,585.60 | .12 | 11,721 | 1,536.20 | .12 | 12,900 | 1,357.82 | .11 |
| Poultry, . . " | 12,149 | 2,256.88 | .185 | 13,704 | 2,286.25 | .16 | 14,997 | 2,390.26 | .15 |
| Butter, . . " | 11,447 | 3,368.27 | .294 | 12,122 | 3,576.20 | .294 | 12,848 | 3,761.27 | .29 |
| Eggs, . . doz. | 9,433 | 2,328.48 | .25 | 8,971 | 2,091.22 | .25 | 9,654 | 2,460.78 | .27 |
| Flour, . . bbls. | 55 | 341.85 | 6.21 | 55 | 316.55 | 5.75 | 55 | 304.10 | 5.56 |
| Bread, . . lbs. | 36,685 | 2,017.67 | .055 | 35,688 | 1,962.83 | .055 | 40,353 | 2,219.40 | .055 |
| Ice, . . . tons. | 433 65/100 | 966.57 | 2.22 | 487.52 | 1,123.21 | 2.30 | 512.15 | 1,177.25 | 2.30 |
| Sugar, . . lbs. | 21,245 | 1,288.65 | .06 | 23,042 | 1,357.59 | .055 | 22,604 | 1,385.12 | .06 |
| Tea, . . . lbs. | 853 | 341.70 | .40 | 1,205 | 482.00 | .40 | 1,265 | 495.44 | .39 |
| Milk, . . . qts. | 110,332 | 5,943.84 | .053 | 113,669 | 6,054.88 | .052 | 134,232 | 7,150.11 | .052 |
| Potatoes, . bush. | 1,158 | 1,001.25 | .942 | 1,100 | 1,021.77 | .928 | 1,215 | 1,352.92 | 1.11 |

# TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE MASSACHUSETTS GENERAL HOSPITAL, FROM SEPTEMBER 3, 1821, TO DECEMBER 31, 1887.

| Year. | Total admitted. | Whole number treated. Free. | Paying board all the time. | Paying part of the time. | Paying board part of time. | Free. | Discharged well. | Percentage on "Total admitted." | Much relieved, or relieved in part. | Not relieved. | Not treated, unfit, dismissed, etc. | Deaths. | Percentage on "Total admitted." | Greatest number free at one time. | Greatest number paying at one time. | Greatest total. | Least total. | Average. | Accidents. | Percentage. | Average time of paying weeks. | Average time of free weeks. | Patients remaining under treatment Dec. 31. Paying. | Free. | Out-patients treated. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 to 1843 | 8727 | 3733 | 4482 | 512 | .... | .... | .... | 3991 | .... | 2902 | 913 | 105 | 624 | ..... | .... | .... | 123 | 54 | | | | | | | |
| 1843 | 365 | 183 | 167 | 15 | .... | .... | .... | 136 | 37 | 115 | 55 | 17 | 41 | 11 | .... | .. | 56 | 33 | 47* | .... | ..... | 4 | 6 | | | |
| 1844 | 435 | 250 | 174 | 11 | .... | .... | .... | 183 | 43 | 137 | 41 | 23 | 47 | 11 | .... | 30 | 71 | 40 | 53 | 55 | 12* | 3 6-7 | 7 1-7 | | | |
| 1845 | 453 | 265 | 176 | 12 | .... | .... | .... | 205 | 45 | 130 | 37 | 28 | 54 | 12 | 44 | 34 | 72 | 37 | 56 | 62 | 14 | 5 4-7 | 6 6-7 | | | |
| 1846 | 459 | 250 | 182 | 27 | .... | .... | .... | 211 | 46 | 137 | 30 | 33 | 36 | 8 | 44 | 28 | 72 | 37 | 55 | 59 | 13 | 3 1-2 | 4 3-4 | | | |
| 1847 | 674 | 354 | 279 | 41 | .... | .... | .... | 340 | 50 | 145 | 54 | 30 | 57 | 8 | 82 | 41 | 123 | 54 | 81 | 74 | 11 | 3 1-2 | 4 1-2 | ..... | ..... | 328 |
| 1848 | 804 | 460 | 283 | 61 | .... | .... | .... | 400 | 50 | 219 | 52 | 39 | 103 | 13 | 86 | 38 | 124 | 94 | 108 | 103 | 12* | 3 1-7 | 5 | ..... | ..... | 378 |
| 1849 | 870 | 543 | 273 | 54 | .... | .... | .... | 436 | 50 | 218 | 75 | 58 | 84 | 9 | 89 | 38 | 127 | 90 | 112 | 97 | 11 | 2 4-7 | 5 5-7 | ..... | ..... | 272 |
| 1850 | 746 | 427 | 242 | 77 | .... | .... | .... | 363 | 48 | 200 | 56 | 49 | 76 | 10 | 103 | 33 | 136 | 83 | 108 | 98 | 13 | 2 6-7 | 6 | ..... | ..... | 294 |
| 1851 | 839 | 477 | 298 | 64 | .... | .... | .... | 387 | 46 | 235 | 47 | 63 | 98 | 11 | 93 | 48 | 141 | 77 | 112 | 123 | 15 | 3 | 6 | ..... | ..... | 237 |
| 1852 | 826 | 472 | 271 | 83 | .... | .... | .... | 410 | 50 | 234 | 52 | 47 | 82 | 10 | 105 | 41 | 133 | 104 | 119 | 132 | 16 | 3 1-4 | 5 | ..... | ..... | 248 |
| 1853 | 925 | 505 | 335 | 85 | .... | .... | .... | 431 | 46 | 287 | 70 | 66 | 82 | 9 | 108 | 39 | 142 | 108 | 120 | 159 | 17 | 3 1-6 | 7 | ..... | ..... | 358 |
| 1854 | 922 | 490 | 321 | 111 | .... | .... | .... | 423 | 46 | 257 | 73 | 41 | 115 | 12 | 112 | 45 | 145 | 125 | 133 | 212 | 23 | 4 | 10 | ..... | ..... | 477 |
| 1855 | 915 | 416 | 352 | 147 | .... | .... | .... | 456 | 50 | 238 | 59 | 51 | 102 | 11 | 107 | 59 | 152 | 114 | 134 | 157 | 17 3-10 | 3 3-7 | 11 4-7 | ..... | ..... | 645 |
| 1856 | 976 | 545 | 335 | 96 | .... | .... | .... | 478 | 49 | 230 | 77 | 71 | 117 | 12 | 114 | 48 | 153 | 120 | 140 | 189 | 19 | 3 | 5 | ..... | ..... | 887 |
| 1857 | 920 | 549 | 280 | 91 | .... | .... | .... | 510 | 55 | 195 | 57 | 66 | 130 | 14 | 119 | 40 | 157 | 103 | 128 | 163 | 17 7-10 | 2 2-3 | 5 | ..... | ..... | 1574 |
| 1858 | 1015 | 718 | 251 | 46 | .... | .... | .... | 514 | 50 | 229 | 65 | 50 | 127 | 13 | 120 | 31 | 144 | 91 | 123 | 186 | 18* | 4 | 7* | ..... | ..... | 2223 |
| 1859 | 1240 | 934 | 257 | 49 | 287 | 49 | 1040 | 653 | 53 | 280 | 54 | 94 | 141 | 11 | 145 | 37 | 165 | 92 | 131 | 212 | 17 | 4 | 4 2-3 | 14 | 140 | 3523 |
| 1860 | 1240 | 997 | 201 | 42 | 215 | 42 | 1137 | 698 | 56 | 305 | 73 | 58 | 121 | 9¾ | 149 | 33 | 175 | 80 | 128 | 233 | 18 7-10 | 4 | 6 | 15 | 121 | 4433 |
| 1861 | 1416 | 1131 | 253 | 32 | 268 | 32 | 1252 | 831 | 59 | 318 | 79 | 57 | 99 | 7 | 135 | 37 | 162 | 120 | 140 | 297 | 21 | 4 | 5 3-4 | 16 | 124 | 4676 |
| 1862 | 1611 | 1175 | 425 | 11 | 441 | 11 | 1299 | 843 | 52 | 431 | 77 | 154 | 101 | 6¼ | 133 | 45 | 166 | 102 | 134 | 271 | 16 3-4 | 2 1-10* | 4 1-10 | 25 | 120 | 4800 |
| 1863 | 1648 | 1348 | 283 | 17 | 308 | 17 | 1468 | 856 | 52 | 459 | 96 | 70 | 162 | 9¾ | 135 | 29 | 158 | 116 | 137 | 292 | 17 7-10 | 3 4-10 | 4 | 24 | 126 | 4987 |
| 1864 | 1199 | 1262 | 326 | 11 | 350 | 11 | 1388 | 916 | 57 | 390 | 84 | 61 | 130 | 8 | 139 | 33 | 157 | 110 | 138 | 242 | 15 2-10 | 3.18 | 4.37 | 25 | 123 | 5619 |
| 1865 | 1199 | 564 | 567 | 68 | 592 | 68 | 687 | 702 | 59 | 295 | 68 | 74 | 104 | 8⅓ | 137 | 72 | 164 | 88 | 113 | 140 | 11 7-10 | 3.67 | 4.85 | 45 | 59 | 5356 |
| 1866 | 1120 | 497 | 578 | 45 | 693 | 45 | 556 | 677 | 60 | 82 | 50 | 74 | 96 | 8⅓ | 62 | 58 | 109 | 78 | 95 | 132 | 11 7-10 | 3.40 | 5.10 | 45 | 50 | 5608 |
| 1867 | 1206 | 626 | 556 | 24 | 601 | 24 | 676 | 676 | 56 | 282 | 62 | 141 | 94 | 7.8 | 77 | 62 | 126 | 72 | 104 | 113 | 9.36 | 3.37 | 4.26 | 39 | 69 | 4553 |
| 1868 | 1265 | 771 | 463 | 31 | 302 | 31 | 840 | 757 | 60 | 258 | 64 | 82 | 85 | 7 | 97 | 56 | 132 | 69 | 102 | 98 | 7.74 | 3.00 | 3.50 | 31 | 96 | 5264 |
| 1869 | 1390 | 834 | 532 | 24 | 563 | 24 | 930 | 771 | 55½ | 352 | 78 | 84 | 107 | 7.7 | 98 | 55 | 139 | 90 | 118 | 93 | 6.69 | 3.40 | 4.30 | 25 | 100 | 6953 |
| 1870 | 1302 | 858 | 414 | 30 | 439 | 30 | 958 | 780 | 60 | 303 | 65 | 68 | 85 | 6.45 | 106 | 45 | 137 | 98 | 120 | 140 | ..... | 3.37 | 4.82 | 24 | 86 | 8767 |
| 1871 | 1427 | 970 | 432 | 25 | 456 | 25 | 1056 | 821 | 57½ | 322 | 58 | 73 | 109 | 7.64 | 126 | 43 | 154 | 91 | 122 | 178 | ..... | 3.12 | 3.92 | 28 | 126 | 9792 |
| 1872 | 1547 | 1163 | 368 | 16 | 396 | 16 | 1289 | 958 | 62 | 313 | 76 | 84 | 120 | 7.75 | 133 | 42 | 160 | 97 | 135 | 259 | ..... | 3.15 | 4.35 | 30 | 120 | 11878 |
| 1873 | 1550 | 1075 | 411 | 64 | 441 | 64 | 1195 | 880 | 57 | 321 | 66 | 86 | 186 | 12 | 156 | 44 | 187 | 129 | 156 | 291 | ..... | 3.28 | 6.09 | 35 | 126 | 13517 |
| 1874 | 1639 | 1125 | 394 | 120 | 429 | 120 | 1251 | 946 | 57½ | 396 | 81 | 102 | 127 | 7.69 | 146 | 41 | 183 | 111 | 149 | 234 | ..... | 2.73 | 5.64 | 28 | 120 | 15612 |
| 1875 | 1841 | 1445 | 308 | 88 | 336 | 88 | 1565 | 1032 | 56 | 380 | 78 | 120 | 189 | 10.27 | 176 | 31 | 199 | 132 | 166 | 285 | ..... | 2.82 | 5.18 | 26 | 164 | 16993 |
| 1876 | 1906 | 1532 | 282 | 92 | 308 | 92 | 1696 | 1019 | 53½ | 502 | 91 | 144 | 150 | 7.86 | 182 | 36 | 210 | 163 | 185 | 245 | ..... | 3.22 | 5.73 | 19 | 171 | 17292 |
| 1877 | 1657 | 1270 | 339 | 48 | 358 | 42 | 1441 | 930 | 56 | 409 | 92 | 130 | 130 | 7.68 | 178 | 33 | 194 | 135 | 164 | 147 | ..... | 2.84 | 5.54 | 11 | 145 | 18004 |
| 1878 | 1794 | 1433 | 323 | 38 | 334 | 38 | 1578 | 956 | 50 | 505 | 59 | 138 | 134 | 7.46 | 170 | 34 | 187 | 132 | 165 | 200 | ..... | 2.80 | 5.27 | 17 | 141 | 18744 |
| 1879 | 1813 | 1436 | 335 | 42 | 352 | 42 | 1577 | 1040 | 57 | 422 | 84 | 125 | 143 | 7.94 | 165 | 30 | 188 | 131 | 163 | 222 | ..... | 2.84 | 5.16 | 17 | 140 | 18960 |
| 1880 | 2123 | 1724 | 354 | 45 | 371 | 45 | 1864 | 1186 | 54 | 545 | 74 | 150 | 151 | 7.16 | 165 | 35 | 188 | 156 | 170 | 351 | ..... | 2.58 | 4.53 | 17 | 157 | 20566 |
| 1881 | 2106 | 1678 | 402 | 26 | 419 | 26 | 1835 | 1324 | 62 | 429 | 70 | 103 | 189 | 8.96 | 168 | 39 | 195 | 139 | 166 | 391 | ..... | 2.79 | 4.41 | 15 | 140 | 18443 |
| 1882 | 2147 | 1736 | 399 | 12 | 414 | 12 | 1876 | 1312 | 61 | 463 | 59 | 13 | 177 | 8.13 | 167 | 35 | 195 | 143 | 168 | 348 | ..... | 2.84 | 4.41 | 24 | 141 | 16304 |
| 1883 | 2020 | 1492 | 449 | 79 | 473 | 79 | 1633 | 1286 | 63 | 378 | 61 | 108 | 181 | 8.93 | 168 | 49 | 189 | 143 | 168 | 432 | ..... | 2.75 | 4.80 | 32 | 128 | 7102* |
| 1884 | 2096 | 1667 | 382 | 47 | 448 | 47 | 1815 | 1318 | 62 | 367 | 68 | 137 | 191 | 9.11 | 159 | 40 | 186 | 129 | 165 | 397 | ..... | 3 | 4.14 | 19 | 148 | 14824 |
| 1885 | 2327 | 1910 | 371 | 46 | 382 | 46 | 2044 | 1584 | 68 | 361 | 73 | 129 | 192 | 8.25 | 166 | 26 | 184 | 147 | 167 | 443 | ..... | 2.38 | 4.08 | 11 | 134 | 17016 |
| 1886 | 2580 | 2124 | 392 | 64 | 409 | 64 | 2283 | 1689 | 65 | 411 | 64 | 175 | 192 | 7.44 | 178 | 30 | 206 | 133 | 173 | 471 | ..... | 2.78 | 3.72 | 17 | 159 | 17925 |
| 1887 | 2814 | 2340 | 429 | 45 | 447 | 45 | 2523 | 1694 | 60 | 565 | 89 | 173 | 245 | 8.70 | 196 | 40 | 217 | 150 | 185 | 490 | ..... | 2.90 | 3.57 | 18 | 183 | 18981 |
| | 70494 | | | | | | | 29009 | | 16952 | 3906 | 3939 | 6006 | | | | | | | | | | | | | 346413 |

*Out-patient Department open only five months.

## MASSACHUSETTS GENERAL HOSPITAL.

The Massachusetts General Hospital is a private, not a public institution.

Applications for admission of patients must be made at the Hospital on Blossom Street, Boston, on week-days, between the hours of 9 and 11 A.M. and 2 and 3 P.M.

Recent accidents admitted at all hours.

Out-patients received between 9 and 10 A.M., week-days only.

Applications from a distance must be made in writing, accompanied by a full description of the case by the attending physician, and, when a Free Bed is desired, by a statement of the pecuniary condition of the patient, and wait for a reply before sending the patient.

Contagious and chronic diseases are not admitted.

Regular charges to paying patients are as follows: in the Jackson Ward (private), $50 per week; in small room in the Townsend and Bigelow Wards, $25 per week; in the General Wards, $10 per week. These rates, covering only expenses of board and lodging, may be increased or abated in individual cases by the Resident Physician.

JOHN W. PRATT,
*Resident Physician.*

# THE AMBULANCE

OF THE

## MASSACHUSETTS GENERAL HOSPITAL,

Accompanied by a medical officer, will be despatched to any point within the city proper for the conveyance of cases of *accident* or *urgent sudden sickness, not contagious*, to this Hospital, or elsewhere, upon notice from a physician, the police, or other responsible source, subject to the approval of the undersigned.

In cases requiring gratuitous treatment, no charge will be made.

By order of the Board of Trustees.

JOHN W. PRATT,
*Resident Physician,*
*Mass. Gen. Hospital, Blossom St.*

# SEVENTIETH ANNUAL REPORT

OF THE

## SUPERINTENDENT OF THE McLEAN ASYLUM FOR THE INSANE,

TO THE

## TRUSTEES OF THE MASS. GENERAL HOSPITAL,

For the Year 1887.

---

TO THE TRUSTEES OF THE MASSACHUSETTS GENERAL HOSPITAL:

*Gentlemen*, — The following report, with tabular statements relating to the number and condition of the patients treated in the Asylum during the year 1887, is respectfully presented: —

### TABLE No. 1.

GENERAL STATISTICS OF THE YEAR.

| | Males. | Females. | Total. |
|---|---|---|---|
| Patients in the Asylum, Jan. 1, 1887, . . . | 74 | 93 | 167 |
| Admissions within the year, . . . . . | 32 | 43 | 75 |
| Whole number of *cases* within the year, . . | 106 | 136 | 242 |
| Discharged within the year, . . . . . | 32 | 46 | 78 |
| Namely,— as Recovered, . . . . . | 7 | 19 | 26 |
| Much improved, . . . . . | 5 | 4 | 9 |
| Improved, . . . . . | 3 | 8 | 11 |
| Unimproved, . . . . . | 8 | 7 | 15 |
| Deaths, . . . . . | 9 | 8 | 17 |
| Patients remaining Dec. 31, 1887, supported as private patients, . . . . | 74 | 90 | 164 |
| Number of different *persons* within the year, | 104 | 133 | 237 |
| " " " " admitted, . . | 31 | 43 | 74 |
| " " " " recovered, . . | 7 | 18 | 25 |
| Daily average number of patients, . . . . | 74.33 | 85.91 | 160.24 |

During the year one man, a case of melancholia, was twice admitted and twice discharged. One man and three women, present at the beginning of the year, were discharged and readmitted. Thus there were two hundred and forty-two cases treated, representing two hundred and thirty-seven persons.

Of the seventy-four persons admitted during the year, thirty-nine were regarded as recent cases, and thirty-five as chronic, or incurable.

Fifty-four persons, twenty-one men and thirty-three women, had never been in any hospital. Of the remaining twenty persons, fifteen, seven men and eight women, were admitted for the second time; three persons, two men and one woman, for the third time; one woman for the fourth time; and one man for the twenty-third time.

Thirty cases — representing twenty-nine persons, fourteen men and fifteen women — were admitted as voluntary patients upon their own written applications. Of these, seventeen were cases of melancholia, seven of mania, one of hysteria, and four of general paralysis. Of these twenty-nine persons, two were committed after entering the Asylum as voluntary cases, and one was twice admitted as a voluntary case. The thirty voluntary cases admitted during the year furnished eight recoveries; and twenty-five such cases remaining from previous years furnished five other recoveries during this year, making a total of thirteen recoveries out of fifty-five cases,— the total number of this class under treatment during the year. Thus, the voluntary class has yielded a percentage of 36.66 on the admissions of 1887. Of this class admitted during the year, four other cases were discharged improved or much improved, and four not improved. Of these thirty cases admitted in 1887 there were remaining, at the end of the year, fourteen

persons, seven men and seven women; and thirteen persons, six men and seven women, also remained from the admissions of previous years, so that the total remaining under the voluntary relation is twenty-seven persons, thirteen men and fourteen women.

The number of persons admitted as voluntary patients under the present law is as follows: namely, 1881, 1; 1882, 11; 1883, 33; 1884, 49; 1885, 34; 1886, 29; 1887, 29,—a total of 186 persons in seven years.

In 1887 there were eighteen less admissions, eighteen less discharges, and twenty-one less cases under treatment than during the year 1886; and the number present was three less at the end than at the beginning of the year.

Of the seventy-six persons discharged, including deaths, seven, three men and four women, were transferred to other hospitals in this State.

Of the twenty-five persons discharged recovered, eighteen had never before been inmates of any hospital; and all of the remaining seven persons had been in this Asylum. These seven persons had previously made thirty-five recoveries.

The average duration of illness from the beginning of attack in all cases recovered was 10.34 months, and the average duration of their residence in the Asylum was 6.86 months.

The percentage of recoveries on all admissions, for the year 1887, was 34.7. There were ten less recoveries than in the previous year. There were seventeen deaths, three more than last year.

The work of the year, as to the numbers admitted, discharged, and recovered, and the daily average under treatment, was less than that of last year. With ten less recoveries, the percentage of recov-

eries on admissions was diminished 4. The number of voluntary cases admitted was two-fifths of all the admissions. The percentage of recoveries furnished by this class of patients was 2 more than its due proportion, showing that slight advantage in this regard is derived from this class.

The general condition of the Asylum — as to its state of repair, the use of modern appliances and improvements of various kinds, the alterations for making rooms and halls lighter and more cheerful, the recent entire renewal of the heating apparatus, and the like — is better than at any time of late years. During the five years previous to 1880, in the expectation of an early removal to Belmont, it was natural that there should be a restriction of expenditures for repairs and alterations. Since the date mentioned, the renovation of the whole house, that has been gradually made, is now quite complete, including especially the apartments occupied by patients. The liberal additions that have been made to the accommodations for nurses, both male and female, have contributed to the good results brought about by the radical change in the system of instruction in nursing following the establishment of the Training School. Thus, the improvement of the personal comfort of the patients has been attended to; and this has been greatly promoted by the increase in the number of night nurses. The special improvement of the nursing service in general has also contributed to the curative influences that are to be gained by proper care.

Good progress has been made in the same direction, not only in maintaining the previous work of the Training School, but the system has been further developed. The second class of eight women was graduated during the year, and the graduates now

number twenty-four. Two of these have very successfully completed the additional course in the General Hospital, and two others have entered upon it. One of the former is to return to the Asylum as a supervisor and assistant teacher at the beginning of the new year; and others have been engaged in other asylums, from which applications for such trained nurses are being frequently received. This already proves the correctness of the prediction that a new way is being opened for the occupation of competent young women, in which important, desirable, and most useful positions can be gained in the asylums after a comparatively short period of special training. The demand for such service in the private nursing of the insane and of nervous invalids is increasing with the supply, and the work is profitable for those who engage in it. Only four of the graduates remained in the service at the end of the year, but this is quite in accordance with the expectation. The number of these will increase as time goes on. The number of applicants for admission to the school is ample, and in its two classes of women there are now sixteen in one and nineteen in the other. The classes of men are now fully organized, one numbering six and the other nineteen. The first class will soon graduate, one member of it having already been promoted to be a supervisor. The results so far of the training of the men have been very satisfactory.

It must be said that the labor and attention required — particularly in developing the organization of such a system of training, in preparing courses of lectures, etc.— are considerable in the aggregate; but, by being spread over much time, and with a proper provision of teachers, there need not be much inconvenience to the medical staff. To fully develop and substitute such a system in any asylum might require

a number of years before certain traditions of the old way could be eliminated, and all go on smoothly with a minimum of interference with the regular duties of the medical officers. The organization once completed, however, their share of the new work should be little more than the giving of weekly lectures and, perhaps, conducting a class recitation of the men. There is always some way to adjust these conditions; but, in the outset, the fact should be squarely met that what is so much worth having is worth all it will cost, and so some extra teaching force should be provided at the beginning. It is undoubtedly true that, were no "graduates" to remain in the asylums, the value and comfort of this system would be so great in the current benefit of carrying it on that, once appreciated, no asylum superintendent would be deprived of it. The necessary attention to it that is required of medical officers is good for them as well as for the nurses and, most important of all, for the patients.

The appointment of Dr. H. M. Locke as an assistant physician is to be mentioned as for temporary service. He was formerly a medical house pupil of the Asylum.

The pathological report of Dr. Gannett will be found in the Appendix, containing the results of the continuation of the work in that department.

The prospectus of the Training School will also be found in the Appendix, stating the requirements of applicants, terms, etc., both for men and women.

The Medical Library of the Asylum, organized within a few years, has now over a thousand volumes, and nearly as many pamphlets, relating to the mind and nervous system, and including some general medical works. Nearly one-half of all these were acquired during the past year. Among them are

valuable files of journals, both home and foreign, some of them rare and difficult to collect. Many of the modern publications are being added to the Library as they appear, and the older and classical works as they can be obtained. The books are all carefully classified upon a system similar to that of the Boston Medical Library, but with an expansion of the sections containing those treating of the special subject pertaining to the Asylum; and a complete card catalogue adds greatly to the usefulness of the collection. Any pamphlets relating to this or collateral subjects will be gladly received and appreciated, and will find a useful place here; and the same of books,— if offered as contributions or for sale, they will be gratefully accepted or bought to make up deficiencies in the Library. It can be made very valuable and useful otherwise than to the Asylum alone, even if in duplication somewhat of the more general libraries. To the Asylum, such a special library is invaluable.

The grateful thanks of the patients, and all who are concerned in their care, are always given to the friends of the Asylum for their continued kindnesses, that show their interest and sympathy.

Very respectfully,

EDWARD COWLES,
*Medical Superintendent.*

## TABLE No. 2.

MONTHLY ADMISSIONS, DISCHARGES, AND AVERAGES.

| Months. | Admissions. | | | Discharges (including Deaths). | | | Daily Average of Patients in the House. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| January, . . | 1 | 1 | 2 | . . | 4 | 4 | 74.96 | 81.00 | 155.96 |
| February, . | 1 | 2 | 3 | . . | 4 | 4 | 72.25 | 81.25 | 153.50 |
| March, . . | 2 | 5 | 7 | 2 | 4 | 6 | 74.25 | 83.75 | 158.00 |
| April, . . . | 6 | 3 | 9 | 2 | 3 | 5 | 74.00 | 88.45 | 162.45 |
| May, . . . | 3 | 3 | 6 | 3 | 3 | 6 | 75.77 | 86.26 | 162.03 |
| June, . . . | 4 | 6 | 10 | 1 | 2 | 3 | 75.36 | 86.80 | 162.16 |
| July, . . . | 5 | 4 | 9 | 6 | 4 | 10 | 75.38 | 87.33 | 162.71 |
| August, . . | 1 | 5 | 6 | 6 | 4 | 10 | 75.51 | 89.20 | 164.71 |
| September, . | 4 | 1 | 5 | 3 | 4 | 7 | 72.23 | 90.17 | 162.40 |
| October, . . | 2 | 7 | 9 | . . | 8 | 8 | 74.19 | 85.71 | 159.90 |
| November, . | . . | 2 | 2 | 2 | 4 | 6 | 75.73 | 84.70 | 160.43 |
| December, . | 3 | 4 | 7 | 7 | 2 | 9 | 72.29 | 86.36 | 158.65 |
| Total *cases*, . | 32 | 43 | 75 | 32 | 46 | 78 | 74.33 | 85.91 | 160.24 |
| Total *persons*, | 31 | 43 | 74 | 31 | 45 | 76 | . . | . . | . . |

## TABLE No. 3.

RECEIVED ON FIRST AND SUBSEQUENT ADMISSIONS.

| Number of the Admission. | Cases admitted. | | | Times previously recovered. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| First, . . . . . | 21 | 33 | 54 | . . | 2 | 2 |
| Second, . . . . | 7 | 8 | 15 | 3 | 4 | 7 |
| Third, . . . . . | 3 | 1 | 4 | . . | 2 | 2 |
| Fourth, . . . . . | . . | 1 | 1 | . . | . . | . . |
| Twenty-third, . . | 1 | . . | 1 | 22 | . . | 22 |
| Total of *cases*, . . | 32 | 43 | 75 | 25 | 8 | 33 |
| Total of *persons*, . | 31 | 43 | 74 | . . | . . | . . |

These 33 recoveries represent 11 persons, 9 having recovered one, 1 two, and 1 twenty-two times.

## TABLE No. 4.

AGES OF PERSONS ADMITTED FOR THE FIRST TIME.

| Ages. | At first attack of Insanity. | | | When admitted. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| From 15 to 20 yrs., | 2 | 1 | 3 | 1 | . . | 1 |
| " 20 " 25 " | 1 | 7 | 8 | 1 | 6 | 7 |
| " 25 " 30 " | 1 | 5 | 6 | 1 | 5 | 6 |
| " 30 " 35 " | 2 | 7 | 9 | 3 | 8 | 11 |
| " 35 " 40 " | 4 | 4 | 8 | 4 | 3 | 7 |
| " 40 " 50 " | 5 | 2 | 7 | 5 | 4 | 9 |
| " 50 " 60 " | 5 | 5 | 10 | 5 | 4 | 9 |
| " 60 " 70 " | . . | 2 | 2 | . . | 2 | 2 |
| " 70 " 80 " | 1 | . . | 1 | 1 | 1 | 2 |
| Total of *persons*, | 21 | 33 | 54 | 21 | 33 | 54 |

## TABLE No. 5.

PARENTAGE OF PERSONS ADMITTED.

| Places of Nativity. | Males. | | Females. | | Total. | |
|---|---|---|---|---|---|---|
| | Father. | Mother. | Father. | Mother. | Father. | Mother. |
| Maine, . . . . . | 3 | 2 | 1 | 1 | 4 | 3 |
| New Hampshire, . | 5 | 5 | 3 | 3 | 8 | 8 |
| Vermont, . . . . | 3 | 3 | 1 | 3 | 4 | 6 |
| Massachusetts, . . | 11 | 12 | 25 | 26 | 36 | 38 |
| Rhode Island, . . | 1 | 1 | 2 | 1 | 3 | 2 |
| Connecticut, . . . | 1 | 1 | 1 | . . | 2 | 1 |
| New York, . . . | . . | . . | 2 | 1 | 2 | 1 |
| England, . . . . | 2 | 2 | 1 | 2 | 3 | 4 |
| Ireland, . . . . | 2 | 2 | 3 | 3 | 5 | 5 |
| New Brunswick, . | . . | . . | 1 | 1 | 1 | 1 |
| Nova Scotia, . . . | 1 | 1 | 3 | 2 | 4 | 3 |
| Germany, . . . . | 1 | 1 | . . | . . | 1 | 1 |
| Argentine Republic, | 1 | 1 | . . | . . | 1 | 1 |
| Total of *persons*, . | 31 | 31 | 43 | 43 | 74 | 74 |

## TABLE No. 6.

RESIDENCE OF PERSONS ADMITTED.

| Places. | Males. | Females. | Total. |
|---|---|---|---|
| Massachusetts: — | | | |
| Suffolk County, | 8 | 15 | 23 |
| Middlesex County, | 11 | 12 | 23 |
| Essex County, | 4 | 2 | 6 |
| Norfolk County, | 1 | 3 | 4 |
| Plymouth County, | .. | 1 | 1 |
| Bristol County, | 1 | .. | 1 |
| Barnstable County, | .. | 1 | 1 |
| Hampshire County, | .. | 2 | 2 |
| Dukes County, | .. | 1 | 1 |
| Nantucket, | .. | 1 | 1 |
| Maine, | .. | 1 | 1 |
| New Hampshire, | 2 | 2 | 4 |
| Vermont, | 2 | .. | 2 |
| Rhode Island, | 1 | .. | 1 |
| New York, | .. | 1 | 1 |
| Missouri, | 1 | .. | 1 |
| Nova Scotia, | .. | 1 | 1 |
| Argentine Republic, | 1 | .. | 1 |
| Total of *cases*, | 32 | 43 | 75 |
| Total of *persons*, | 31 | 43 | 74 |

## TABLE No. 7.

CIVIL CONDITIONS OF PERSONS ADMITTED.

| Number of the Admission. | Unmarried. | | | Married. | | | Widowed. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| First, | 8 | 14 | 22 | 12 | 15 | 27 | 2 | 4 | 6 |
| Second, | 2 | 4 | 6 | 3 | 3 | 6 | 1 | 1 | 2 |
| Third, | 1 | 1 | 2 | 2 | .. | 2 | .. | .. | .. |
| Fourth, | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Twenty-third, | 1 | .. | 1 | .. | .. | .. | .. | .. | .. |
| Total *cases*, | 12 | 19 | 31 | 17 | 18 | 35 | 3 | 6 | 9 |
| Total *persons*, | 12 | 19 | 31 | 16 | 18 | 34 | 3 | 6 | 9 |

## TABLE No. 8.

OCCUPATIONS OF PERSONS ADMITTED.

| Occupations. | Males. | Females. | Total. |
|---|---|---|---|
| Housewife, | .. | 19 | 19 |
| Clerk, | 1 | 2 | 3 |
| Manufacturer, | 1 | .. | 1 |
| Merchant, | 6 | .. | 6 |
| Farmer, | 1 | .. | 1 |
| Student, | .. | 1 | 1 |
| Teacher, | 1 | 3 | 4 |
| Lawyer, | 1 | .. | 1 |
| Clergyman, | 1 | .. | 1 |
| Civil Engineer, | 1 | .. | 1 |
| Editor, | 1 | .. | 1 |
| Mechanic, | 4 | .. | 4 |
| Watch-maker, | 1 | .. | 1 |
| Conductor, | 1 | .. | 1 |
| Carpenter, | 1 | .. | 1 |
| Car-driver, | 1 | .. | 1 |
| Librarian, | .. | 1 | 1 |
| Botanist, | 1 | .. | 1 |
| Liquor-dealer, | 1 | .. | 1 |
| Nurse, | .. | 1 | 1 |
| Dressmaker, | .. | 1 | 1 |
| Servant, | .. | 1 | 1 |
| No occupation, | 7 | 14 | 21 |
| Total of *persons*, | 31 | 43 | 74 |

## TABLE No. 9.

REPORTED DURATION OF INSANITY BEFORE LAST ADMISSION.

| Previous Duration. | First Admission to any Hospital. | | | All other Admissions. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Congenital, | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Under 1 mo., | 4 | 14 | 18 | 3 | 3 | 6 | 7 | 17 | 24 |
| Fr. 1 to 3 mo., | 7 | 4 | 11 | .. | .. | .. | 7 | 4 | 11 |
| " 3 " 6 " | 2 | 7 | 9 | 1 | 3 | 4 | 3 | 10 | 13 |
| " 6 " 12 " | 4 | 5 | 9 | 4 | .. | 4 | 8 | 5 | 13 |
| " 1 " 2 yrs., | 3 | 1 | 4 | .. | 1 | 1 | 3 | 2 | 5 |
| " 2 " 5 " | .. | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 3 |
| " 5 " 10 " | .. | 1 | 1 | 2 | .. | 2 | 2 | 1 | 3 |
| "10 " 20 " | 1 | .. | 1 | .. | 1 | 1 | 1 | 1 | 2 |
| "20 " 30 " | .. | .. | .. | .. | 1 | 1 | .. | 1 | 1 |
| Total *cases*, | 21 | 33 | 54 | 11 | 10 | 21 | 32 | 43 | 75 |
| Total *persons*, | .. | .. | .. | 10 | 10 | 20 | 31 | 43 | 74 |
| Average of known persons (in years), | .89 | .50 | .65 | 1.62 | 1.41 | 1.50 | | | |

## TABLE No. 10.

FORM OF DISEASE IN THE CASES ADMITTED.

| Form of Disease. | Males. | Females. | Total. |
|---|---|---|---|
| Mania, acute, | 6 | 14 | 20 |
| Mania, chronic, | 2 | 6 | 8 |
| Mania, hysterical, | . . | 3 | 3 |
| Mania, puerperal, | . . | 1 | 1 |
| Folie-du-doute, | . . | 1 | 1 |
| Hysteria, | 1 | . . | 1 |
| Epilepsy, | 1 | . . | 1 |
| Melancholia, acute, | 8 | 14 | 22 |
| Melancholia, chronic, | 2 | 2 | 4 |
| Melancholia, puerperal, | . . | 1 | 1 |
| Dementia, chronic, | 2 | 1 | 3 |
| Dementia, senile, | 1 | . . | 1 |
| General Paralysis, | 9 | . . | 9 |
| Total of *cases*, | 32 | 43 | 75 |
| Total of *persons*, | 31 | 43 | 74 |

## TABLE No. 11.

ALLEGED CAUSES OF INSANITY IN PERSONS ADMITTED.

| Causes. | Males. | Females. | Total. |
|---|---|---|---|
| *Mental.* | | | |
| Grief, | 1 | 2 | 3 |
| Anxiety, | 6 | 5 | 11 |
| Shock, | . . | 1 | 1 |
| Disappointment, | 1 | 1 | 2 |
| Religious excitement, | 1 | 1 | 2 |
| *Physical.* | | | |
| Ill-health, | 1 | 7 | 8 |
| Sunstroke, | 3 | . . | 3 |
| Overwork, | 2 | 3 | 5 |
| Constitutional, | 6 | 1 | 7 |
| Change of life, | . . | 4 | 4 |
| Childbirth, | . . | 4 | 4 |
| Intemperance, | 2 | . . | 2 |
| Hysteria, | . . | 1 | 1 |
| Spinal sclerosis, | 1 | . . | 1 |
| Old age, | 1 | . . | 1 |
| Opium, | . . | 1 | 1 |
| Tobacco, | 1 | . . | 1 |
| Unknown, | 6 | 12 | 18 |
| Total of *cases*, | 32 | 43 | 75 |
| Total of *persons*, | 31 | 43 | 74 |

## TABLE No. 12.

RELATION TO HOSPITALS OF THE PERSONS ADMITTED.

| | Males. | Females. | Total. |
|---|---|---|---|
| Never before in any Hospital, | 21 | 33 | 54 |
| Former inmates of this Hospital, | 5 | 7 | 12 |
| Former inmates of other Hospitals in this State: — | | | |
| South Boston, | 1 | 1 | 2 |
| Private Asylum, | 2 | . . | 2 |
| Former inmates of Hospitals in other States, | 2 | 1 | 3 |
| Former inmates of this Hospital and of other Hospitals in this State: — | | | |
| Northampton, | . . | 1 | 1 |
| Former inmates of this Hospital and of Hospitals in other States, | 1 | . . | 1 |
| Total of *cases*, | 32 | 43 | 75 |
| Total of *persons*, | 31 | 43 | 74 |

## TABLE No. 13.

DISCHARGES CLASSIFIED BY ADMISSION AND RESULT.

| Admission. | Recovered. | | | Much Improved. | | | Improved. | | | Unimproved. | | | Died. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| First, . . . . . | 3 | 15 | 18 | 5 | 3 | 8 | 1 | 8 | 9 | 6 | 5 | 11 | 7 | 7 | 14 | 22 | 38 | 60 |
| Second, . . . . . | . . | 2 | 2 | . . | 1 | 1 | 1 | . . | 1 | 2 | 1 | 3 | 1 | . . | 1 | 4 | 4 | 8 |
| Third, . . . . . | 2 | 1 | 3 | . . | . . | . . | 1 | . . | 1 | . . | 1 | 1 | . . | . . | . . | 3 | 2 | 5 |
| Fourth, . . . . . | . . | 1 | 1 | . . | . . | . . | . . | . . | . . | . . | . . | . . | 1 | . . | 1 | 1 | 1 | 2 |
| Fifth, . . . . . | 1 | . . | 1 | . . | . . | . . | . . | 1 | 1 | . . | . . | . . | . . | 1 | 1 | 1 | 1 | 2 |
| Twenty-third, . . . . . | 1 | . . | 1 | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | 1 | . . | 1 |
| Total of *cases*, . . . | 7 | 19 | 26 | 5 | 4 | 9 | 3 | 8 | 11 | 8 | 7 | 15 | 9 | 8 | 17 | 32 | 46 | 78 |
| Total of *persons*, . . | 7 | 18 | 25 | 5 | 4 | 9 | 3 | 8 | 11 | 8 | 7 | 15 | 9 | 8 | 17 | 32 | 45 | 77 |

## TABLE No. 14.

CASES DISCHARGED RECOVERED.—DURATION.

| Period. | Duration before Admission. | | | Hospital Residence. | | | Whole Duration from the Attack. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Under 1 mo., | 4 | 7 | 11 | . . | . . | . . | . . | . . | . . |
| Fr. 1 to 3 mo., | 2 | 7 | 9 | 2 | 4 | 6 | 1 | . . | 1 |
| " 3 " 6 " | . . | 3 | 3 | 4 | 7 | 11 | 3 | 2 | 5 |
| " 6 " 12 " | 1 | 1 | 2 | 1 | 4 | 5 | 2 | 12 | 14 |
| " 1 " 2 yrs. | . . | 1 | 1 | . . | 3 | 3 | 1 | 2 | 3 |
| " 2 " 5 " | . . | . . | . . | . . | 1 | 1 | . . | 3 | 3 |
| Total *cases*, | 7 | 19 | 26 | 7 | 19 | 26 | 7 | 19 | 26 |
| Total *persons*, | 7 | 18 | 25 | 7 | 18 | 25 | 7 | 18 | 25 |
| Average of known cases (in months), | 1.63 | 2.31 | 2.13 | 3.50 | 8.10 | 6.86 | 6.56 | 11.74 | 10.34 |

## TABLE No. 15.

CASES RESULTING IN DEATH.—DURATION.

| Period. | Duration before Admission. | | | Hospital Residence. | | | Whole Duration from the Attack. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Under 1 mo., . . | 1 | 3 | 4 | 1 | . . | 1 | . . | . . | . . |
| From 1 to 3 mo., | 1 | 1 | 2 | . . | . . | . . | 1 | . . | 1 |
| " 3 " 6 " | 1 | . . | 1 | 1 | 1 | 2 | . . | . . | . . |
| " 6 " 12 " | 2 | . . | 2 | 3 | . . | 3 | 4 | . . | 4 |
| " 1 " 2 yrs., | . . | 2 | 2 | 1 | . . | 1 | . . | . . | . . |
| " 2 " 5 " | 1 | 1 | 2 | 2 | 3 | 5 | 1 | 1 | 2 |
| " 5 " 10 " | 2 | 1 | 3 | . . | 2 | 2 | . . | 6 | 6 |
| " 10 " 15 " | 1 | . . | 1 | . . | 1 | 1 | 2 | 1 | 3 |
| " 15 " 20 " | . . | . . | . . | . . | 1 | 1 | . . | . . | . . |
| " 20 " 25 " | . . | . . | . . | 1 | . . | 1 | . . | . . | . . |
| " 30 " 35 " | . . | . . | . . | . . | . . | . . | 1 | . . | 1 |
| Total, . . . . | 9 | 8 | 17 | 9 | 8 | 17 | 9 | 8 | 17 |
| Average of known cases (in months), | 39.92 | 19.08 | 30.11 | 47.91 | 83.37 | 64.60 | 87.82 | 102.45 | 94.71 |

## TABLE No. 16.

CASES DISCHARGED BY RECOVERY OR DEATH.

| Form of Insanity. | Recoveries. | | | Deaths. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| Mania, acute, | 4 | 10 | 14 | 1 | .. | 1 |
| Mania, chronic, | .. | .. | .. | 1 | 3 | 4 |
| Mania, hysterical, | .. | 1 | 1 | .. | .. | .. |
| Hebephrenia, | 1 | .. | 1 | .. | .. | .. |
| Hysteria, | 1 | .. | 1 | .. | .. | .. |
| Melancholia, acute, | 1 | 7 | 8 | 1 | .. | 1 |
| Melancholia, puerperal, | .. | 1 | 1 | .. | .. | .. |
| Dementia, senile, | .. | .. | .. | .. | 1 | 1 |
| Dementia, chronic, | .. | .. | .. | .. | 3 | 3 |
| General Paralysis, | .. | .. | .. | 5 | .. | 5 |
| Epilepsy, | .. | .. | .. | 1 | .. | 1 |
| Neurasthenia, | .. | .. | .. | .. | 1 | 1 |
| Total of *cases*, | 7 | 19 | 26 | 9 | 8 | 17 |
| Total of *persons*, | 7 | 18 | 25 | 9 | 8 | 17 |

## TABLE No. 17.

CAUSES OF DEATH.

| Causes. | Males. | Females. | Total. |
|---|---|---|---|
| *Cerebral Disease.* | | | |
| General Paralysis, | 5 | .. | 5 |
| Exhaustion from Mania, | 1 | .. | 1 |
| Exhaustion from Melancholia, | 1 | .. | 1 |
| Exhaustion from Epilepsy, | 1 | .. | 1 |
| *Other Causes.* | | | |
| Pneumonia, | 1 | .. | 1 |
| Apoplexy, | .. | 1 | 1 |
| Chronic Interstitial Nephritis, | .. | 2 | 2 |
| Phthisis Pulmonalis, | .. | 1 | 1 |
| Diabetes Mellitus, | .. | 1 | 1 |
| Cancer of Breast, | .. | 2 | 2 |
| Neurasthenia, | .. | 1 | 1 |
| Totals, | 9 | 8 | 17 |

## TABLE No. 18.

RECOVERIES, CLASSIFIED BY RESULTS OF PREVIOUS ADMISSIONS.*

| Number of the Admission. | Recovered. | | | Much Improved. | | | Not Improved. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Second, | .. | 2 | 2 | .. | .. | .. | 1 | .. | 1 | 1 | 2 | 3 |
| Third, | 1 | 1 | 2 | .. | .. | .. | .. | .. | .. | 1 | 1 | 2 |
| Fourth, | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Fifth, | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Twenty-third, | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Total of *cases*, | 3 | 4 | 7 | .. | .. | .. | 1 | .. | 1 | 4 | 4 | 8 |
| Total of *persons*, | 3 | 3 | 6 | .. | .. | .. | .. | .. | .. | 4 | 3 | 7 |

*This classification is based upon the result of the admission next preceding the last, in each case respectively.

## TABLE No. 19.

DEATHS, CLASSIFIED BY DURATION OF INSANITY AND OF TREATMENT.

| Period. | Duration of Insanity. | | | Whole known period of Hospital Residence. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| Congenital, | .. | .. | .. | .. | .. | .. |
| Under 1 month, | .. | .. | .. | 1 | .. | 1 |
| From 1 to 3 months, | 1 | .. | 1 | .. | .. | .. |
| " 3 " 6 " | .. | .. | .. | 1 | 1 | 2 |
| " 6 " 12 " | 2 | .. | 2 | 2 | .. | 2 |
| " 1 " 2 years, | 1 | .. | 1 | 2 | .. | 2 |
| " 2 " 5 " | 1 | 2 | 3 | 1 | 1 | 2 |
| " 5 " 10 " | 1 | 4 | 5 | .. | 4 | 4 |
| " 10 " 20 " | 2 | 1 | 3 | 1 | 1 | 2 |
| " 20 " 30 " | .. | .. | .. | 1 | 1 | 2 |
| " 30 " 40 " | 1 | 1 | 2 | .. | .. | .. |
| Total, | 9 | 8 | 17 | 9 | 8 | 17 |
| Average of known *cases* (in months), | 93.08 | 124.56 | 102.01 | 49.14 | 106.25 | 76.02 |

## TABLE No. 20.

AGES OF THOSE WHO DIED.

| Ages. | At time of the first Attack. | | | At time of Death. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| From 15 to 20 years, | 1 | . . | 1 | . . | . . | . . |
| " 20 " 25 " | 1 | 2 | 3 | . . | . . | . . |
| " 25 " 30 " | 2 | . . | 2 | 1 | . . | 1 |
| " 30 " 35 " | 1 | . . | 1 | 2 | 2 | 4 |
| " 35 " 40 " | 1 | 1 | 2 | 1 | . . | 1 |
| " 40 " 45 " | 1 | 1 | 2 | 2 | . . | 2 |
| " 45 " 50 " | 1 | . . | 1 | 1 | 1 | 2 |
| " 50 " 60 " | 1 | 2 | 3 | 1 | . . | 1 |
| " 60 " 70 " | . . | 1 | 1 | 1 | 2 | 3 |
| " 70 " 80 " | . . | . . | . . | . . | 2 | 2 |
| " 80 " 90 " | . . | 1 | 1 | . . | . . | . . |
| " 90 "100 " | . . | . . | . . | . . | 1 | 1 |
| Total, . . . . . | 9 | 8 | 17 | 9 | 8 | 17 |

## TABLE No. 21.

### TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE McLEAN ASYLUM.

FROM ITS OPENING, OCT. 6, 1818, TO DEC. 31, 1887, INCLUSIVE.

| Years. | Admitted. | Discharged. | Who'e No. under care. | Died. | Much improved, etc. | Recov'd. | Remaining at end of year. | Average No. of Patients. |
|---|---|---|---|---|---|---|---|---|
| 1818–25 | 398 | 344 | 623 | 29 | 205 | 110 | 279 | .. |
| 1826 | 47 | 46 | 101 | 5 | 21 | 20 | 55 | .. |
| 1827 | 58 | 56 | 113 | 5 | 17 | 34 | 57 | .. |
| 1828 | 77 | 65 | 134 | 5 | 37 | 23 | 69 | .. |
| 1829 | 73 | 77 | 142 | 9 | 42 | 26 | 65 | .. |
| 1830 | 82 | 78 | 147 | 10 | 34 | 34 | 69 | .. |
| 1831 | 83 | 84 | 152 | 8 | 46 | 30 | 68 | .. |
| 1832 | 94 | 98 | 162 | 10 | 45 | 43 | 64 | .. |
| 1833 | 103 | 100 | 167 | 8 | 50 | 42 | 67 | .. |
| 1834 | 108 | 95 | 174 | 7 | 47 | 41 | 80 | .. |
| 1835 | 83 | 84 | 163 | 11 | 28 | 45 | 77 | .. |
| 1836 | 106 | 112 | 183 | 10 | 38 | 64 | 71 | .. |
| 1837 | 120 | 105 | 191 | 8 | 25 | 72 | 86 | 80 |
| 1838 | 138 | 131 | 224 | 12 | 45 | 74 | 93 | 95 |
| 1839 | 132 | 117 | 225 | 10 | 38 | 69 | 108 | 112 |
| 1840 | 155 | 138 | 263 | 13 | 50 | 75 | 125 | 128 |
| 1841 | 157 | 141 | 283 | 11 | 55 | 75 | 142 | 135 |
| 1842 | 129 | 138 | 271 | 15 | 43 | 80 | 133 | 143 |
| 1843 | 126 | 126 | 260 | 18 | 45 | 63 | 134 | 131 |
| 1844 | 158 | 140 | 292 | 20 | 52 | 68 | 152 | 146 |
| 1845 | 119 | 120 | 271 | 13 | 33 | 74 | 151 | 149 |
| 1846 | 148 | 126 | 299 | 9 | 52 | 65 | 173 | 164 |
| 1847 | 170 | 170 | 343 | 33 | 50 | 87 | 173 | 172 |
| 1848 | 143 | 155 | 316 | 23 | 50 | 82 | 155 | 171 |
| 1849 | 160 | 137 | 321 | 15 | 58 | 64 | 184 | 177 |
| 1850 | 173 | 157 | 357 | 28 | 51 | 78 | 200 | 201 |
| 1851 | 164 | 173 | 364 | 29 | 69 | 75 | 191 | 195 |
| 1852 | 145 | 135 | 336 | 15 | 48 | 72 | 201 | 200 |
| 1853 | 114 | 120 | 315 | 17 | 45 | 58 | 195 | 194 |
| 1854 | 120 | 120 | 315 | 16 | 45 | 59 | 195 | 195 |
| 1855 | 123 | 126 | 318 | 24 | 46 | 56 | 192 | 192 |
| 1856 | 149 | 145 | 341 | 19 | 58 | 68 | 196 | 195 |
| 1857 | 141 | 159 | 337 | 28 | 60 | 71 | 178 | 191 |
| 1858 | 155 | 147 | 333 | 25 | 50 | 72 | 186 | 187 |
| 1859 | 131 | 142 | 317 | 28 | 53 | 61 | 175 | 185 |
| 1860 | 121 | 109 | 296 | 24 | 46 | 39 | 187 | 185 |
| 1861 | 111 | 110 | 298 | 23 | 33 | 54 | 188 | 193 |
| 1862 | 82 | 94 | 270 | 18 | 37 | 39 | 176 | 190 |
| 1863 | 94 | 69 | 270 | 13 | 20 | 36 | 201 | 191 |
| 1864 | 101 | 107 | 302 | 27 | 38 | 42 | 195 | 200 |
| 1865 | 82 | 85 | 277 | 17 | 33 | 35 | 192 | 186 |
| 1866 | 103 | 98 | 295 | 29 | 23 | 46 | 197 | 197 |
| 1867 | 89 | 108 | 286 | 27 | 36 | 45 | 178 | 186 |
| 1868 | 92 | 94 | 270 | 23 | 37 | 34 | 176 | 166 |
| 1869 | 108 | 100 | 284 | 18 | 31 | 51 | 184 | 187 |
| 1870 | 79 | 85 | 263 | 12 | 40 | 33 | 178 | 187 |
| 1871 | 75 | 81 | 253 | 13 | 47 | 21 | 172 | 178 |
| 1872 | 93 | 101 | 265 | 23 | 63 | 15 | 164 | 173 |
| 1873 | 92 | 95 | 256 | 13 | 63 | 19 | 161 | 165 |
| 1874 | 75 | 88 | 236 | 10 | 58 | 20 | 148 | 159 |
| 1875 | 85 | 83 | 233 | 16 | 51 | 16 | 150 | 156 |
| 1876 | 92 | 74 | 242 | 20 | 36 | 18 | 168 | 160 |
| 1877 | 110 | 103 | 278 | 20 | 68 | 15 | 175 | 175 |
| 1878 | 63 | 84 | 238 | 12 | 66 | 6 | 154 | 168 |
| 1879 | 76 | 79 | 230 | 12 | 48 | 19 | 151 | 157 |
| 1880 | 51 | 48 | 202 | 6 | 30 | 12 | 154 | 152 |
| 1881 | 66 | 65 | 220 | 14 | 37 | 14 | 155 | 150 |
| 1882 | 82 | 70 | 237 | 8 | 36 | 26 | 167 | 156 |
| 1883 | 109 | 111 | 276 | 17 | 57 | 37 | 165 | 164 |
| 1884 | 113 | 103 | 278 | 17 | 52 | 34 | 175 | 166 |
| 1885 | 95 | 100 | 270 | 17 | 46 | 37 | 170 | 171 |
| 1886 | 93 | 96 | 263 | 14 | 46 | 36 | 167 | 169 |
| 1887 | 75 | 78 | 242 | 17 | 35 | 26 | 164 | 160 |
| | 7,089 | 6,925 | | 1,026 | 2,944 | 2,955 | | |

# TABLE No. 22.

## TABLE OF APPLICATIONS, ADMISSIONS, ETC., FOR TWENTY-THREE YEARS,—1864-1887.

| Years. | Applications. | | Admissions. | | American. | | Foreign. | | Not Admitted. | Discharged, cured, relieved, or improved. | | Percentage of same on Admissions. | | Died. | | Accid'ts. | Whole number under care in the year. | | Number of free patients. | Paying all the time. | Paying part of the time. | Greatest total number at any time. | | Least total at any time. | | Average. | | Greatest number at any one time of Free or Paying at Hospital. | | Average time in weeks Paying and Free at Hospital. | | Out-patients. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Hospital. | Hospital. | Asylum. | Hospital. | Asylum. | Hospital. | Asylum. | Hospital. | Hospital. | Asylum. | | Hospital. | Asylum. | Hospital. | Asylum. | | Hospital. | Asylum. | Hospital. | Hospital. | Hospital. | Hospital. | Asylum. | Hospital. | Asylum. | Hospital. | Asylum. | Free. | Paying. | Paying. | Free. | Hospital. |
| 1864 | 1932 | 1599 | 101 | 654 | 99 | 945 | 2 | 333 | 1306 | 80 | | 8.168 | 79.1 | 130 | 27 | 242 | 1749 | 302 | 1388 | 350 | 11 | 157 | 208 | 110 | 192 | 138 | 200 | 139 | 33 | 3.2 | 4.4 | 5619 |
| 1865 | 1430 | 1199 | 82 | 571 | 80 | 628 | 2 | 231 | 997 | 68 | | 8.315 | 82.9 | 104 | 17 | 140 | 1347 | 277 | 687 | 592 | 68 | 164 | 195 | 88 | 181 | 113 | 186 | 137 | 72 | 3.7 | 4.8 | 5356 |
| 1866 | 1328 | 1120 | 103 | 542 | 100 | 587 | 3 | 208 | 809 | 69 | | 81.17 | 66.9 | 96 | 29 | 132 | 1224 | 295 | 556 | 623 | 45 | 109 | 203 | 78 | 192 | 95 | 197 | 62 | 58 | 3.4 | 5.1 | 5608 |
| 1867 | 1419 | 1206 | 89 | 558 | 88 | 648 | 1 | 213 | 958 | 81 | | 79.43 | 91 | 94 | 27 | 113 | 1301 | 286 | 676 | 601 | 24 | 126 | 200 | 72 | 172 | 104 | 186 | 77 | 62 | 3.4 | 4.3 | 4553 |
| 1868 | 1474 | 1265 | 92 | 604 | 92 | 661 | 0 | 209 | 1015 | 71 | | 80.03 | 77.1 | 85 | 23 | 98 | 1373 | 218 | 840 | 502 | 31 | 132 | 181 | 69 | 160 | 102 | 166 | 97 | 56 | 3.0 | 3.5 | 5264 |
| 1869 | 1633 | 1390 | 108 | 681 | 108 | 709 | 0 | 243 | 1123 | 82 | | 80.03 | 75.9 | 107 | 18 | 93 | 1217 | 284 | 930 | 563 | 24 | 139 | 196 | 90 | 177 | 118 | 187 | 98 | 55 | 3.4 | 4.3 | 6953 |
| 1870 | 1706 | 1302 | 79 | 584 | 76 | 718 | 3 | 404 | 1083 | 73 | | 83.20 | 92.4 | 85 | 12 | 140 | 1427 | 342 | 958 | 439 | 30 | 137 | 195 | 98 | 181 | 120 | 187 | 106 | 45 | 3.4 | 4.8 | 8767 |
| 1871 | 1781 | 1427 | 75 | 649 | 75 | 778 | 0 | 354 | 1143 | 52 | | 80.09 | 69.3 | 109 | 13 | 178 | 1537 | 253 | 1056 | 456 | 25 | 154 | 187 | 91 | 167 | 122 | 178 | 126 | 43 | 3.1 | 3.9 | 9792 |
| 1872 | 1815 | 1547 | 93 | 665 | 88 | 882 | 5 | 268 | 1271 | 52 | | 82.15 | 55.9 | 120 | 23 | 259 | 1701 | 265 | 1289 | 396 | 16 | 160 | 179 | 97 | 163 | 135 | 173 | 133 | 42 | 3 1 | 4.3 | 11878 |
| 1873 | 1958 | 1550 | 92 | 640 | 85 | 910 | 7 | 408 | 1201 | 64 | | 77.48 | 69.5 | 186 | 13 | 291 | 1700 | 256 | 1195 | 441 | 64 | 187 | 171 | 129 | 158 | 156 | 165 | 156 | 44 | 3 3 | 6.0 | 13517 |
| 1874 | 2153 | 1639 | 75 | 713 | 68 | 926 | 7 | 514 | 1342 | 54 | | 81.88 | 72 | 127 | 10 | 234 | 1800 | 236 | 1251 | 394 | 120 | 183 | 167 | 111 | 144 | 149 | 159 | 146 | 41 | 2.7 | 5.6 | 15612 |
| 1875 | 2357 | 1841 | 85 | 799 | 72 | 1022 | 13 | 516 | 1412 | 57 | | 76.70 | 67 | 189 | 16 | 285 | 1989 | 233 | 1565 | 336 | 88 | 199 | 165 | 132 | 145 | 166 | 156 | 176 | 31 | 2.8 | 5.2 | 16993 |
| 1876 | 2560 | 1906 | 92 | 900 | 82 | 1006 | 10 | 654 | 1621 | 45 | | 85.04 | 48.9 | 150 | 20 | 245 | 2096 | 242 | 1696 | 308 | 92 | 210 | 173 | 163 | 148 | 185 | 160 | 182 | 36 | 3.2 | 5.7 | 17292 |
| 1877 | 2131 | 1657 | 110 | 863 | 103 | 794 | 7 | 474 | 1339 | 57 | | 80 80 | 51.8 | 130 | 20 | 147 | 1847 | 278 | 1270 | 339 | 48 | 194 | 184 | 135 | 168 | 164 | 175 | 178 | 33 | 2.8 | 5.5 | 18004 |
| 1878 | 2275 | 1794 | 63 | 946 | 58 | 848 | 5 | 481 | 1461 | 45 | | 81.43 | 71.4 | 134 | 12 | 200 | 1950 | 238 | 1578 | 334 | 38 | 187 | 182 | 132 | 154 | 165 | 168 | 170 | 34 | 2.8 | 5.2 | 18744 |
| 1879 | 2310 | 1813 | 76 | 979 | 63 | 834 | 13 | 497 | 1462 | 46 | | 80.63 | 60.5 | 143 | 12 | 222 | 1971 | 230 | 1577 | 352 | 42 | 188 | 164 | 131 | 150 | 163 | 157 | 165 | 30 | 2.8 | 5.1 | 18960 |
| 1880 | 2701 | 2123 | 51 | 1117 | 46 | 1006 | 5 | 578 | 1731 | 32 | | 81.53 | 62.7 | 151 | 6 | 351 | 2284 | 202 | 1864 | 371 | 45 | 188 | 159 | 156 | 146 | 170 | 152 | 165 | 35 | 2.5 | 4.5 | 20566 |
| 1881 | 2786 | 2106 | 66 | 1074 | 57 | 1032 | 9 | 680 | 1853 | 37 | | 82.19 | 56 | 189 | 14 | 391 | 2270 | 220 | 1835 | 419 | 26 | 195 | 161 | 139 | 147 | 166 | 150 | 168 | 39 | 2.79 | 4.41 | 18443 |
| 1882 | 2587 | 2147 | 82 | 1127 | 73 | 1020 | 9 | 440 | 1775 | 47 | | 87.83 | 57.3 | 177 | 8 | 348 | 2302 | 237 | 1876 | 399 | 12 | 195 | 166 | 143 | 149 | 168 | 156 | 167 | 35 | 2.84 | 4.41 | 16304 |
| 1883 | 2460 | 2020 | 109 | 1035 | 93 | 985 | 16 | 440 | 1664 | 63 | | 82.33 | 53 8 | 181 | 17 | 432 | 2185 | 276 | 1633 | 473 | 79 | 189 | 171 | 143 | 151 | 168 | 164 | 168 | | 2.75 | 4.80 | *7102 |
| 1884 | 2494 | 2096 | 113 | 1043 | 95 | 1053 | 18 | 398 | 1685 | 57 | | 80.39 | 50.4 | 191 | 17 | 397 | 2310 | 278 | 1815 | 448 | 47 | 186 | 175 | 129 | 154 | 165 | 166 | 159 | 40 | 3 | 4.14 | 14824 |
| 1885 | 2636 | 2327 | 95 | 1178 | 84 | 1149 | 11 | 299 | 1945 | 62 | | 85.38 | 65.3 | 192 | 17 | 443 | 2472 | 270 | 2044 | 382 | 46 | 184 | 185 | 147 | 159 | 167 | 171 | 166 | 26 | 2.38 | 4.08 | 17016 |
| 1886 | 2686 | 2580 | 93 | 1313 | 85 | 1267 | 8 | 106 | 2100 | 68 | | 81.39 | 73.1 | 192 | 14 | 471 | 2756 | 263 | 2283 | 409 | 64 | 206 | 191 | 133 | 167 | 173 | 169 | 178 | 30 | 2.78 | 3.72 | 17925 |
| 1887 | 2876 | 2814 | 75 | 1376 | 66 | 1438 | 9 | 62 | 2259 | 46 | | 80.24 | 61 3 | 245 | 17 | 490 | 3015 | 242 | 2523 | 429 | 45 | 217 | 176 | 150 | 157 | 185 | 160 | 196 | 40 | 2.90 | 3.57 | 18981 |

*Out-patient Department open only five months.

# TABLE No. 23.

## TABLE SHOWING THE COST OF PRINCIPAL STORES AT McLEAN ASYLUM.

| Articles. | 1884. | | | 1885. | | | 1886. | | | 1887. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. |
| Beef, . . . . . lbs., | 69,313 | $9,573.72 | .1381 | 71,169 | $9,350.98 | .1313 | 72,269 | $9,377.03 | .1298 | 76,333 | $8,762.60 | .1136 |
| Mutton and Lamb, " | 22,221 | 2,154.00 | .0969 | 26,865 | 2,288.99 | .0852 | 27,142 | 2,614.26 | .0962 | 28,694 | 2,574.84 | .0897 |
| Veal, . . . . . " | 11,916 | 1,319.68 | .1107 | 11,747 | 1,218.43 | .1037 | 14,977 | 1,590.73 | .1062 | 10,799 | 1,162.19 | .1076 |
| Poultry, . . . . " | 12,806 | 2,753.43 | .215 | 14,300 | 2,716.52 | .189 | 15,453 | 2,674.98 | .172 | 15,565 | 2,802.43 | .180 |
| Ham, etc., . . . " | 11,220 | 1,480.33 | .131 | 13,105 | 1,358.58 | .103 | 13,292 | 1,460.57 | .109 | 13,093 | 1,512.56 | .115 |
| Eggs, . . . . . doz., | 10,579 | 2,590.78 | .244 | 11,046 | 2,402.08 | .216 | 11,193 | 2,339.44 | .209 | 10,888 | 2,258.75 | .207 |
| Lard, . . . . . lbs., | 2.045 | 201.10 | .098 | 1,724 | 144.26 | .083 | 1,471 | 114.26 | .077 | 2,015 | 169.56 | .084 |
| Flour, . . . . . bbls., | 541 | 3,531.57 | 6.527 | 528 | 2,901.42 | 5.49 | 512 | 2,728.73 | 5.32 | 530 | 2,728.62 | 5.13 |
| Butter, . . . . lbs., | 20,991 | 5,497.28 | .261 | 22,738 | 5,014.07 | .220 | 20,931 | 4,650.73 | .222 | 21,320 | 4,756.39 | .223 |
| Coffee, . . . . " | 2,904 | 720.65 | .248 | 3,162 | 714.18 | .234 | 3,336 | 691.16 | .207 | 3,361 | 822.04 | .244 |
| Tea, . . . . . " | 1,215 | 403.02 | .331 | 1,286 | 433.42 | .337 | 1,188 | 389.00 | .327 | 1,264 | 394.08 | .311 |
| Sugar, . . . . " | 28,351 | 1,951.19 | .068 | 29,404 | 1,891.91 | .064 | 28,996 | 1,824.45 | .063 | 28,373 | 1,712.08 | .060 |
| Lights, Gas, etc., feet, | ..... | 3,461.92 | ..... | ..... | 2,978.91 | ..... | ..... | 2,693.02 | ..... | ..... | 2,957.27 | ..... |
| Coal, . . . . . tons, | $1,434\frac{1393}{2000}$ | 7,786.65 | 5.427 | $1,190\frac{530}{2000}$ | 6,297.49 | 5.29 | $1,328\frac{155}{2000}$ | 7,087.31 | 5.34 | $1,332\frac{1616}{2000}$ | 7,145.92 | 5.36 |
| Wood, . . . . cords, | ..... | ..... | ..... | $10\frac{1}{2}$ | 70.88 | 6.75 | 20 | 140.00 | 7.00 | $10\frac{1}{2}$ | 84.00 | 8.00 |
| Ice, . . . . . tons, | $486\frac{1800}{2000}$ | 930.62 | 1.911 | $426\frac{500}{2000}$ | 955.49 | 2.241 | $473\frac{600}{2000}$ | 1,088.56 | 2.30 | $554\frac{1300}{2000}$ | 1,275.66 | 2.10 |

# MASSACHUSETTS GENERAL HOSPITAL.

## MCLEAN ASYLUM TRAINING SCHOOL FOR NURSES.

THE Trustees of the Massachusetts General Hospital having established, at the McLean Asylum for the Insane, a school for nurses, offer to give to men and women desirous of becoming professional nurses a two years' course of training in general nursing, with special reference to the care of cases of nervous and mental disease.

Those wishing to receive such a course of instruction must apply to the Superintendent of the McLean Asylum, Somerville, Mass.

The most desirable age for candidates is from twenty-one to thirty-five years. They must be in sound health, and must send with their application a certificate from a physician certifying to the fact; also, one from some responsible person as to their good character and good health. Upon the recommendation of the Superintendent of the Asylum and the approval of the Trustees, they will be received for two months on probation.

The Superintendent of Nurses has charge of the Training School, under the authority of the Superintendent of the Asylum and of the Board of Trustees; and the nurses are subject to the rules of the Asylum. Their fitness or the work and the propriety of retaining or dismissing them at the end of the two months of trial are determined by the authorities in charge of the School, under the direction of the Trustees; and the same authorities can

in like manner discharge them at any time in case of misconduct or inefficiency. They reside in the Asylum, and serve as assistant nurses in its wards.

All nurses are required to be sober, honest, truthful, trustworthy, punctual, quiet, orderly, cleanly, neat, patient, kind, and cheerful.

The instruction includes the general care of the sick; the managing of helpless patients in bed, in moving, changing bed and body linen, making of beds, etc.; giving baths, keeping patients warm or cool, preventing and dressing bed sores; bandaging, applying of fomentations, poultices, and minor dressings; the preparing and serving of food, the feeding of helpless patients and those who refuse food; the administering of enemas and use of the catheter; attendance upon patients requiring diversion and companionship; the observation of mental symptoms, delusions, hallucinations, delirium, stupor, etc., and the care of excited, violent, and suicidal patients.

They are also given instruction in the best practical methods of supplying fresh air, warming and ventilating sick-rooms in a proper manner, and are taught to take proper care of rooms and wards, in keeping all utensils perfectly clean and disinfected, etc.; to observe the sick accurately in regard to the state of the secretions, pulse, breathing, skin, temperature, sleep, appetite, effect of diet, of stimulants, and medicine; and the managing of convalescents.

The instruction is given mainly by the Superintendent of the Training School, and by the Supervisors and Head Nurses. Lectures and demonstrations will be given, at stated periods, by the Asylum Medical Staff. Examinations, chiefly upon practical points, take place from time to time.

The pupils are employed as assistant nurses in the wards of the Asylum. Women will be paid twelve

dollars ($12) per month during the first year, and fifteen dollars ($15) per month during the second year, for their clothing and personal expenses. Men will be paid twenty-three dollars ($23) per month during the first year, and twenty-five dollars ($25) per month during the second year. Their education during this time is considered as compensation for their services. Women graduates will be paid twenty-five dollars ($25) per month; men graduates, twenty-seven dollars ($27) and thirty dollars ($30) per month, according to length of service.

The men and women are required to wear at all times, while on duty in the wards, the asylum uniform.

When the full term of two years is completed, the nurses thus trained receive (after final examinations) diplomas certifying to their period of training, their proficiency and good character.

The right is reserved to terminate the connection of any nurse or pupil with the School, for any reason which may be deemed sufficient.

A graduate of this School, who wishes to have additional practical experience and instruction in general nursing, has the privilege, under certain restrictions, of entering the Boston Training School for Nurses at the Massachusetts General Hospital. Such graduates will, after one year's satisfactory study, receive the diploma from that School, in addition to the diploma received from the McLean Asylum Training School.

*N.B.— This paper to be filled in (in the Candidate's own handwriting), and sent to the Superintendent of McLean Asylum, Somerville, Mass.*

## QUESTIONS TO BE ANSWERED BY CANDIDATE.

1. Christian name in full of Candidate. . . . . .
2. Are you single, widow, or widower? . . . . . .
3. Your present occupation or employment? . . . . . .
4. Age last birthday, and date and place of birth? . . . . . .
5. Height? . . . . . Weight? . . . . .
6. In what school or schools educated? and in what place? . . . . . .
7. Are you strong and healthy? and have you always been so? . . . . . .
8. Are your sight and hearing perfect? . . . . . .
9. Have you any physical defects? . . . . . .
10. Have you any tendency to pulmonary complaint? . . . . . .
11. If a widow or widower, have you children? How many? Their ages? How are they provided for? . . . . . .
12. Are you otherwise free from domestic responsibility, so that you are not liable to be called away? . . . . . .
13. Where (if any) was your last situation, and how long were you in it? . . . . . .
14. Have you ever been in any Training School or employed in any hospital or asylum? If so, where and how long in each place? . . . . . .
15. The names in full and addresses of two persons not of your own kindred, to be referred to. State how long each has known you. If previously employed, one of these must be the last employer.

    Name, . . . . . .
    Address, . . . . . .
    has known me years.

    Name, . . . . . .
    Address, . . . . . .
    has known me years.

*Having read, and clearly understanding and agreeing to the foregoing conditions and regulations, I declare the above statement to be correct.*

*Signed*, . . . . . .
Candidate.

*Present Address*, . . . . . .

*Date*, . . . . 188 . . . . . .

# PATHOLOGICAL REPORT.

EXAMINATIONS BY W. W. GANNETT, M.D., PATHOLOGIST.

CASE I.—Cerebral Syphilis. Three years duration. Confusion of ideas; loss of memory; considerable dementia; right hemiplegia; coma. Death in thirty-six hours. Male, aged thirty-five.

Diagnosis: Syphilitic (gummatous) leptomeningitis; multiple gummata of the brain developing from the pia; slight degree of chronic granular ependymitis; venous engorgement of the lungs, with hemorrhages; venous engorgement of the kidneys; syphilitic orchitis and periorchitis; chronic interstitial hepatitis.

Autopsy twelve hours after death. Body of medium size, well developed, well nourished. Marked lividity of dependent parts. Rigor mortis present. Yellowish tint about face, neck, and shoulders. Just below right knee, dry, dark brown patches. Calvaria of usual thickness; diploë contained considerable blood. Dura thickened and opaque in patches along course of the longitudinal sinus; yellowish tint present; superior longitudinal sinus contained dark fluid blood and few soft dark coagula; inner surface smooth and shining. Convolutions somewhat flattened. Weight of brain, 1,545 grms. Pia rather dry, showing over the convexities a slight degree of milky opacity along the course of the vessels running in the fissures. In the pia, on the right side, just posterior to the fissure of Rolando and laterally, was a circumscribed yellow patch, about 1 cm. in diameter, somewhat depressed below the level of the surrounding surface. On section, its position was found to correspond to a sulcus; it showed a pyramidal shape, apex downward. Consistency in general was quite firm, almost cartilage-like. The centre was yellow and opaque; periphery gray and translucent. In the longitudinal fissure in the convolutions of the

frontal lobes, right side, were a circumscribed yellow nodule, like that already described, and a long, narrow yellowish nodule, about 2 cm. in length, representing an infiltration of the meshes of the pia with a similar material. On the opposite side of the fissure, left frontal lobe, was another similar nodule. The pia at the base, covering the pons, the optic chiasma, and posterior portions of the frontal lobes, was much thickened and of an opaque, grayish-yellow color, of a density resembling that of cartilage. On vertical section the pia was found to be infiltrated with a grayish-yellow, opaque, dense material surrounding the blood-vessels, the walls of which were notably thickened. The pia in the fissures of Sylvius was similarly thickened; and projecting from it into the brain substance were several well-marked nodules about the size of large peas, which were dense, and showed on section an opaque-yellow, firm, central portion and a narrow periphery of a gray, translucent material. Ependyma of the lateral and fourth ventricles showed a very slight granular appearance. Section through the gray cortex, the white matter as well as the basal ganglia, pons, medulla, and cerebellum, showed no appearances worthy of note. Pia, in general, readily separable from the brain substance. Other pathological conditions as described in the diagnosis.

Microscopic examination. Pia showed a considerable increase both in the number of round cells and in the amount of dense connective tissue. Cortex: the outer portion of the first layer of the cortex showed a fairly well-marked, finely-fibrous meshwork; the other layers of the cortex not remarkable. The vessels of the cortex showed a slight degree of round-cell infiltration of adventitia. The nodules showed the characteristic structure of gummata.

Case II.— Paralytic Insanity. Seven years duration. Loss of memory; unsteady gait; impaired speech; irritability; inequality of pupils; exaggerated tendon reflex; epileptiform seizures; nausea and vomiting; conjugate deviation of eyes to left; paralysis more marked on right side; coma; death. Male, aged fifty-seven.

Diagnosis: Slight degree of circumscribed leptomeningitis; dilatation of the lateral ventricles; chronic granular ependymitis; nodules of softening (cavities) in various portions of

ganglia described; new growth involving areas as described; chronic adhesive pleurisy; emphysema of lungs; cicatrices of kidneys; embolic infarctions; circumscribed catarrhal cystitis; acute catarrhal colitis; chronic endaortitis.

Autopsy twenty-five hours after death. Body medium size, well developed and fairly well nourished. Lividity of dependent portions. Rigor mortis present. Nothing unusual noticed about external surface of calvaria; skull mesocephalic; calvaria thin. Dura everywhere translucent; sinuses contained small amount of partly clotted blood. The pia along the course of the vessels and sulci showed a slight degree of milky opacity; elsewhere, pia was thin, delicate, and contained the usual amount of blood. Along the longitudinal fissure, the meshes of the pia contained a small amount of clear thin fluid. The convolutions well marked; sulci narrow. Brain filled the cavity of skull; weight, 1,304 grms. The vessels of the base and fissure of Sylvius everywhere thin and delicate, except two small, opaque nodules in the wall of the basilar artery, not diminishing, however, the lumen of the vessel. Pia at base was everywhere thin and delicate. Lateral ventricles contained each about 40 cc. of clear fluid; ependyma markedly granular and warty throughout; also third and fourth ventricles; choroid plexus and velum interpositum contained the usual amount of blood.

Brain substance, in general, quite firm; cortex of usual thickness, and rather more yellowish than usual; white matter of good color; puncta cruenta well marked; opening of vessels rather larger than usual. In the floor of the right lateral ventricle, at about the middle of the nucleus caudatus, was a depression about 15 mm. in diameter and 2 mm. in depth. Section of basal ganglia showed the following appearances: In the outer posterior portion of the left thalamus opticus, bordering on the internal capsule, was a slit-like cavity, about 12 mm. long and 2 mm. in diameter; its walls rather ragged and of slightly yellowish tint. In the inferior posterior part of thalamus opticus, and extending into the corpora quadrigemina, nearly obliterating the inner capsule at this point, and extending into the left crus cerebri, was a nodule the size of a large filbert, about the consistency of brain substance, with a grayish nucleus the size of a large pea, surrounded by a grayish-red, almost gelatinous, very

vascular periphery. Corresponding to the depression above mentioned, in the floor of the right ventricle was a cavity the size of a filbert, involving the inner portion of the nucleus caudatus, the whole of the inner capsule at that point, and extending into the inner segment of the right nucleus lentiformis. The edges were irregular and of slightly yellowish tint. In the posterior part of the right nucleus lentiformis was a horizontal, slit-like opening, measuring about 15 mm. laterally, 8 mm. antero-posteriorly, 4 mm. vertically. The pons, medulla, and cerebellum showed no appearances worthy of special note. The pia everywhere separable from brain substance. The cord showed in gross nothing abnormal. The pathology of other organs as described in diagnosis.

Microscopic examination after hardening. Brain and cord were quite friable, so that the sections could not be made so thin as was desirable. Failed to show anything abnormal beyond a moderate degree of round-cell infiltration of the adventitia of the arteries. The soft areas were areas of softening.

Case III.— Melancholia. Four months duration. Suicidal attempt with revolver (calibre 32), bullet entering just above right auditory meatus, and passing beneath temporal muscle, from which it was extracted. Death two and a half months after injury. Male, aged fifty-seven.

Diagnosis: Suppurative inflammation of pericranial tissues near the right ear; perforating wound of skull; comminuted fracture of the squamous and petrous portions of right temporal bone, with displacement of fragments; exfoliation of bone; external and internal pachymeningitis, acute; hemorrhage beneath dura, with partial organization; abscess of brain; yellow softening of brain; hemorrhage into brain substance; chronic adhesive pleurisy; hemorrhages into lung; acute purulent bronchitis, with broncho-pneumonia; cysts of kidney; chronic aortitis.

Autopsy fifteen hours after death. Body large, well developed and nourished. Rigor mortis present. Ratio of head to body and of cranium to face apparently normal; antero-posterior diameter, 18.8 cm.; transverse, 13.9 cm. From the right ear, thin, foul puriform fluid exuded. On removal of scalp, the pericranial tissues just behind the right ear, about

1 cm. below its upper border, were found to be discolored bluish-black over an area 2 cm. square, from the centre of which numerous small granules of lead were removed. The temporal muscles showed a similar bluish discoloration. In the middle of right temporal bone was a depressed comminuted fracture, measuring 25 x 30 mm., some portions near the centre being loose, those on periphery being, for the most part, adherent to the surrounding bone. Around the edge of fracture, several minute bits of lead were embedded. On the inner surface, the outer portion of petrous portion of the temporal bone showed a series of comminuted fractures, with elevation of fragments. About 1 cm. from the vertical portion was an opening in the petrous portion, which connected both with the meatus and with a fistulous track lying just above meatus. Calvaria showed no noteworthy appearances; freely separated from the dura. The dura on the right side showed numerous bluish-black patches; on the inner surface, on the right side, were numerous dark patches, elevated above the surface about 1 mm., which could not be washed or scraped off. The pia over convexity of the right hemisphere had a slightly yellowish tint, and on pressure this half of the brain fluctuated. Upon removal of the brain, it was found that the dura was intimately adherent to the pia over the seat of fracture in the right temporal bone, already described. Just beneath this adherent portion of dura in the temporal lobe were two cavities, one the size of a large English walnut, with sharply marked, smooth walls of connective tissue, about 1 mm. thick, just to the outside of which could be seen brain substance showing nothing abnormal beyond a series of small, dark red points following the course of this wall. The other cavity was about the size of a plum, its contents consisting of softened brain substance. To the outside of this cavity, for a distance of nearly 2 cm. in all directions, the brain substance was softened, moist, of a pale yellow color, resembling baked custard. Above and to the inside of these two cavities was one of irregular shape, nearly as large as a peach, situated in the white matter of the temporal, lower parietal, and anterior occipital lobes, also involving the whole of the posterior third of the nucleus lentiformis and a portion of the contiguous inner capsule. This cavity contained dark red, rather soft

blood-clots, the brain substance surrounding it being softened, of a gray color, and with abundant punctate hemorrhages. The remaining portions of brain substance were quite firm, and showed nothing remarkable. The sinuses in the dura were everywhere free. Other organs were as specified in the diagnosis.

Case IV.—General Paralysis. Duration, five years. Change of character; delusions of persecution; dementia. Death from exhaustion. Male, aged thirty-seven.

Diagnosis: Œdema of the pia; chronic granular ependymitis; chronic meningo-encephalitis; chronic vesicular emphysema; cloudy swelling of the kidneys to a slight degree.

Autopsy twenty-nine hours after death. Body below medium size, fairly well developed, considerably emaciated. Slight lividity of dependent portions. Rigor mortis present. Ratio of head to body and of cranium to face apparently normal. Calvaria of usual thickness, showing nothing remarkable, readily separated from the dura. The dura everywhere translucent; inner surface smooth and shining; sinuses contained dark soft coagula. Meshes of pia contained a small amount of thin, clear fluid. Convolutions of good form, slightly diminished in size; sulci somewhat larger than usual. Veins of pia moderately injected. Brain nearly filled cavity of skull, and weighed 1,209 grms.; escape of considerable clear fluid on its removal. Vessels at base and in fissure of Sylvius everywhere thin-walled, delicate. Lateral ventricles contained each about 20 cc. clear fluid; ependyma of lateral, third, and fourth ventricles thickened, granular, and warty. Section of hemispheres showed cortex, in general, of the usual thickness; somewhat paler than normal; white matter pale, rather moist; puncta cruenta fewer and smaller than usual. Section of the basal ganglia, pons, medulla, and cerebellum showed no appearances worthy of special note. Pia in general more adherent than usual to brain substance, for the most part removing with it small portions of the cortex, and leaving irregular surface behind. Neither the membranes of the spinal cord nor the cord itself presented any appearances worthy of note. Other organs as described in the diagnosis.

Microscopic examination after hardening. Pia: slight in-

crease in the round cells and in the connective tissue fibres. Cortex: outer portion of first layer showed a well-marked, finely-fibrous meshwork, with a few spider-cells. Other layers of cortex, as well as the white matter, presented no abnormal appearances. Vessels of cortex showed everywhere a moderate degree of round-cell infiltration of the adventitia. Nothing abnormal detected in any portion of the cord.

Case V.—General Paralysis. Four years duration. Delusions of great wealth; irritability and violence; unequal pupils; patellar reflex absent; ataxic gait. Death from thrombosis. Male, aged forty.

Diagnosis: Œdema of brain; atrophy of brain; dilatation of ventricles; chronic ependymitis; cribriform appearance of white matter; chronic meningo-encephalitis; fluid condition of blood; emphysema and œdema of lungs; pulmonary embolus, with secondary thrombus formation and thrombosis of left iliac and femoral veins.

Autopsy thirty-six hours after death. Body of medium size, well developed and well nourished. Marked lividity of dependent portions. Rigor mortis present. Nothing unusual noticed about the calvaria. Dura everywhere translucent; sinuses contained dark blood. Meshes of pia contained a moderate amount of clear, thin fluid. Sulci somewhat wider and convolutions smaller than usual. Over middle of the left convexity was a cyst the size of a walnut. The brain did not fill cavity of skull; weight, 1,418 grms; on removal there escaped a large amount of thin, clear fluid. The pia showed slight opacity along course of vessels. Vessels of base and of fissure of Sylvius everywhere thin-walled and delicate; lumina free. Lateral ventricles enlarged about twice their natural size, each containing about 40 cc. of fluid; ependyma of lateral ventricles anteriorly was slightly granular and posteriorly smooth; ependyma of fourth ventricle markedly granular and warty. Brain substance, in general, quite firm on section; cortex pale, and in central region on right side thinner than usual; white matter pale; surface moist; puncta cruenta few and small. Perivascular lymph-spaces enlarged, so as to give a cribriform appearance. Section of basal ganglia, pons, medulla, and cerebellum showed no appearances worthy of special note. Pia intimately adherent to

brain substance, so that portions of brain substance were removed with it, leaving a ragged surface beneath. Cord and its membranes in gross showed nothing unusual. Pathological condition of other organs as described in diagnosis.

Microscopical examination. Pia showed considerable increase in number of round cells and in amount of fibrous tissue. Cortex: outer portion of first layer showed a fairly well-marked, finely fibrous meshwork, with an occasional spider-cell; other layers not remarkable. Slight degree of round-cell infiltration of adventitia of vessels throughout the cortex.

Case VI.— Acute Mania. Fifth attack within thirteen years, duration about ten months. Death from exhaustion. Male, aged forty.

Diagnosis: Circumscribed atrophy of the first layer of cortex, with circumscribed interstitial encephalitis of this layer; periarteritis of cortical vessels; chronic granular ependymitis; chronic vesicular emphysema of lungs; acute purulent bronchitis; acute broncho-pneumonia, circumscribed; chronic adhesive pleurisy; slight degree of cloudy swelling of kidneys.

Autopsy fifteen hours after death. Body rather below medium size, fairly well developed and nourished. Lividity of dependent portions. Rigor mortis present. Ratio of head to body and cranium to face normal. Calvaria of medium thickness, readily separable from dura. Dura everywhere translucent, showing nothing remarkable; sinuses contained a small amount of dark fluid blood. Pia everywhere thin and delicate; its meshes contained no fluid; the vessels showed a moderate degree of injection and an abundant development of Pacchionian granulations. Brain filled cavity of skull, and weighed 1,545 grms. Vessels at base and in fissure of Sylvius thin-walled and delicate; the finer vessels of the pia injected. Lateral ventricles contained each about 5 cc. clear fluid; the ependyma of lateral ventricles, lining posterior horns, thickened and coarsely granular; ependyma of fourth ventricle not remarkable; choroid plexuses and velum interpositum of a dark purplish color. Section of the brain substance showed it to be firm, the cortex of usual width, slightly darker than usual in color; puncta

cruenta of white matter of usual number and size. Section of basal ganglia, pons, medulla, and cerebellum showed no appearances worthy of special note. Pia everywhere readily separable from brain substance. Pathological condition of other organs described in the diagnosis.

Microscopic examination after hardening. Pia showed nothing abnormal. Most portions of the first layer of the cortex were normal, but here and there in circumscribed patches in the outer portion of the first layer could be seen a finely fibrous meshwork, with well-marked spider-cells; also, circumscribed areas of round-cell infiltration in the outer part of the first layer. The remaining layers of the cortex were apparently normal. There was a slight degree of round-cell infiltration of the adventitial sheaths of the vessels of the cortex, and the vessels of both cortex and white matter were markedly injected.

Case VII.— Chronic Mania. Sixteen years duration. Death from cancer of the breast. Female, aged seventy-eight.

Diagnosis: Slight œdema of the pia; slight degree of atrophy of brain; cancer of the breast and pleura; occlusion of cystic duct by calculus; dilatation of the gall-bladder; fibro-myomata of uterus.

Autopsy thirty-five hours after death. Body below medium size, fairly developed, considerably emaciated. Rigor mortis present. Left breast was occupied by a mass the size of the hand, composed of numerous nodules, varying in size from a pea to a large walnut, flattened, very firm, and dense. Loss of epidermis over an area about the size of a quarter of a dollar. On section, the nodules presented a dense grayish tissue, in which, here and there, yellowish specks were to be seen. In the right axillary region was a group of flattened nodules about the size of an English walnut, showing on section a grayish, translucent substance, with numerous grayish-yellow specks. Ratio of head to body and cranium to face apparently normal. Calvaria of usual thickness. Dura everywhere translucent; superior longitudinal sinus contained small amount of partly coagulated blood; inner surface everywhere smooth and shining. Pia everywhere thin and delicate; the meshes, especially in

sulci, contained a small amount of thin, clear fluid. Convolutions slightly diminished in size. Vessels at base and in fissure of Sylvius everywhere thin-walled and delicate. Ventricles of usual size; ependyma smooth and shining. Cortex of usual thickness, showing on section nothing remarkable; puncta cruenta normal as to number and size. Section of basal ganglia, pons, and medulla showed nothing abnormal. Cord and its membranes showed in gross nothing remarkable, except softening from post-mortem changes. Other organs were sufficiently normal, except as described in diagnosis.

Microscopic examination after hardening. Neither in the brain nor in the cord were any abnormalities discovered with the microscope.

Case VIII. General Paralysis. Duration, about one year. Death from exhaustion. Male, aged forty-three.

Diagnosis: Diffuse hyperostosis of skull; œdema of pia; chronic granular ependymitis; meningo-encephalitis; atrophy of cortex; periarteritis; circumscribed sclerosis of cord; chronic adhesive pleurisy; chronic vesicular emphysema of lungs; circumscribed nodule of chronic desquamative broncho-pneumonia; hyperplasia of intestinal follicles.

Autopsy six hours after death. Body of medium size, well developed, much emaciated. Rigor mortis present. Ratio of head to body and cranium to face normal. Cranium meso-cephalic. Calvaria double usual thickness; diploë obliterated. Grooves for middle meningeal artery of usual depth. Dura everywhere translucent; inner surface smooth and shining. Pia showed throughout a milky opacity; the meshes contained a moderate amount of thin, clear fluid. The brain nearly filled the cavity of the skull, and weighed 1,276 grms. Pia of base showed a slight degree of milky opacity. The vessels of base and fissure of Sylvius thin-walled and delicate. Lateral ventricles contained each, by estimate, 20 cc. clear fluid; both ventricles enlarged, especially in anterior and posterior horns; ependyma of all the ventricles granular and tougher than usual. A section of hemispheres showed brain substance, in general, to be of good consistency; gray cortex of usual thickness, though rather pale; white matter not remarkable. Section of the basal

ganglia, pons, medulla, and cerebellum showed no appearances worthy of special note. Pia everywhere readily separable from the brain substance. Membranes of cord not remarkable. Diameter of cord throughout diminished; on section showed in gross no unusual appearances. Pathology of other organs as described in the diagnosis.

Microscopic examination after hardening. Pia showed a slight increase in the amount of dense fibrous tissue. The first layer of the cortex showed the finely fibrous meshwork to a slight degree, with numerous spider-cells throughout. At the bottom of many of the sulci were patches, involving the first and second layers, where few or no nerve-fibres could be made out. These patches took the stain less readily than surrounding parts, and in them were to be seen scattered irregular nuclei. The third, fourth, and fifth layers apparently normal. The vessels of the cortex were injected, and there was round-cell infiltration of the adventitial sheaths to a moderate degree. In the outer posterior portion of the funiculi cuneati of the cervical cord were symmetrical patches, in which there was a marked increase in the connective tissue and a proportionate diminution in the number of nerve-fibres. In the lateral region in the dorsal cord on one side was a patch about 1 mm. in diameter, in which there was an entire disappearance of nerve-fibres, a mass of fibrous tissue remaining. The lower portions of the cord showed no such changes. The central canal throughout the cord, and especially in the lower portions, was dilated. The diameter of the cord, as a whole, was diminished about one-fifth.

# OFFICERS OF THE INSTITUTION.

## 1888.

---

*President.*

CHARLES H. DALTON.

*Vice-President.*

GEORGE HIGGINSON.

*Treasurer.*

FRANKLIN HAVEN, Jr., 28 State Street.

*Secretary.*

THOMAS B. HALL, 75 State Street.

*Trustees.*

SAMUEL ELIOT, *Chairman*, 44 Brimmer Street.
* CHARLES V. BEMIS, Medford, Mass.
E. FRANCIS BOWDITCH, Framingham, Mass.
EDMUND DWIGHT, 50 State Street.
WILLIAM ENDICOTT, Jr., 32 Beacon Street.
* DAVID P. KIMBALL, 35 Congress Street.
THORNTON K. LOTHROP, 8 Congress Street.
* THOMAS E. PROCTOR, 106 High Street.
NATHANIEL THAYER, 21 Sears Building.
* SAMUEL D. WARREN, 67 Mt. Vernon Street.
DAVID R. WHITNEY, 85 Devonshire Street.
ROGER WOLCOTT, 53 Tremont Street.

*Board of Consultation.*

HENRY I. BOWDITCH, M.D.
ALGERNON COOLIDGE, M.D.
D. H. STORER, M.D.
MORRILL WYMAN, M.D.
GEORGE C. SHATTUCK, M.D.
RICHARD M. HODGES, M.D.
FRANCIS MINOT, M.D.

* Appointed by the Governor of the Commonwealth.

## OFFICERS OF THE HOSPITAL.

*Resident Physician.*

JOHN W. PRATT, M.D.

*Visiting Physicians.*

SAMUEL L. ABBOT, M.D.
GEORGE G. TARBELL, M.D.
WM. L. RICHARDSON, M.D.
EDWARD N. WHITTIER, M.D.
FREDERICK C. SHATTUCK, M.D.
REGINALD H. FITZ, M.D.

*Visiting Surgeons.*

CHARLES B. PORTER, M.D.
JOHN COLLINS WARREN, M.D.
HENRY H. A. BEACH, M.D.
JOHN HOMANS, M.D.
ARTHUR T. CABOT, M.D.
MAURICE H. RICHARDSON, M.D.

*Physicians to Out-Patients.*

ELBRIDGE G. CUTLER, M.D.
WILLIAM W. GANNETT, M.D.
CHARLES P. STRONG, M.D.
HERMAN F. VICKERY, M.D.
GEORGE M. GARLAND, M.D.
JAMES J. MINOT, M.D.

*Surgeons to Out-Patients.*

GEORGE W. WEST, M.D.
JOHN W. ELLIOT, M.D.
FRANK B. HARRINGTON, M.D.
SAMUEL J. MIXTER, M.D.

*Physician to Out-Patients with Diseases of the Skin.*

JAMES C. WHITE, M.D.

*Physician to Out-Patients with Diseases of the Nervous System.*

JAMES J. PUTNAM, M.D.

*Physicians to Out-Patients with Diseases of the Throat.*

FREDERICK I. KNIGHT, M.D.
S. W. LANGMAID, M.D.

*Ophthalmic Surgeon to Out-Patients.*

OLIVER F. WADSWORTH, M.D.

*Aural Surgeon.*

J. ORNE GREEN, M.D.

*Microscopist and Curator of the Pathological Cabinet.*

REGINALD H. FITZ, M.D.

*Chemist.*

EDWARD S. WOOD, M.D.

*Artist.*

HENRY P. QUINCY, M.D.

*Medical House Pupils*, 1887–88.

HENRY B. JACOBS. NORMAN F. CHANDLER.

*Surgical House Pupils*, 1887–88.

EDWARD F. CUSHING. RICHARD SPRAGUE.
HOMER GAGE. ARTHUR K. STONE.

*Matron.*

Miss G. L. STURTEVANT.

*Superintendent of Nurses.*

Miss ANNA C. MAXWELL.

*Apothecary.*

WILLIAM A. CAMERON.

---

## OFFICERS OF THE McLEAN ASYLUM.

*Superintendent.*

EDWARD COWLES, M.D.

*1st Assistant Physician.*

GEORGE T. TUTTLE, M.D.

*2d Assistant Physician.*

JAMES W. BABCOCK, M.D.

*Medical House Pupil.*

ALBERT C. STANARD.

*Purveyor.*

JOHN P. BRADBURY.

*Superintendent of Nurses.*

Miss L. E. WOODWARD.

*Clerk.*

Miss F. E. GILBERT.

*Supervisors.*

GEORGE B. OBER. Miss ELLA M. ALLEN.

*Apothecary.*

F. W. WILLES.

## VISITING COMMITTEE.

*January and July.*

Messrs. WOLCOTT and KIMBALL.

*February and August.*

Messrs. ENDICOTT and LOTHROP.

*March and September.*

Messrs. DWIGHT and BOWDITCH.

*April and October.*

Messrs. ELIOT and THAYER.

*May and November.*

Messrs. WARREN and WHITNEY.

*June and December.*

Messrs. BEMIS and PROCTOR.

---

## LADIES' VISITING COMMITTEE.

*January and February.*

Miss E. GRAY. Miss E. GOODWIN.

*March and April.*

Miss TERESA DODGE. Miss IDA G. BEAL.
Mrs. N. THAYER.

*May.*

Mrs. JOHN C. GRAY. Mrs. THOMAS E. PROCTOR.

*June.*

Mrs. JOHN C. GRAY. Mrs. S. ELIOT.
Mrs. R. S. RUSSELL. Miss ELIZABETH LOWELL.

*July, August, and September.*

Mrs. R. S. RUSSELL. Miss ANNA ROTCH.

*October.*

Mrs. S. ELIOT. Miss E. LOWELL.

*November and December.*

Mrs. H. W. HAYNES. Miss A. W. MORRILL.

*General.*

Miss MARTHA SILSBEE. Miss CLARA T. ENDICOTT.

## STANDING COMMITTEES.

*Admitting Asylum Patients.*

Messrs. Warren and Dwight.

*Finance.*

Messrs. Endicott and Kimball.

*Accounts and Expenditures.*

Messrs. Wolcott, Thayer, and Lothrop.

*Buildings and Repairs.*

Messrs. Dwight, Warren, and Eliot.

*Free Beds.*

Messrs. Bowditch and Proctor.

*The General Library and Warren Fund.*

Messrs. Eliot and Whitney.

*Book of Donations.*

Dr. Bemis.

*Nominations.*

Messrs. Eliot, Bowditch, Wolcott, and Lothrop.

*New Asylum and Grounds.*

Messrs. Dwight, Eliot, Warren, Endicott, and Bowditch.

# SEVENTY-FIFTH ANNUAL REPORT

OF THE

# TRUSTEES

OF THE

# MASSACHUSETTS GENERAL HOSPITAL

AND

# McLEAN ASYLUM

## 1888

---

*Printed at the Expense of the Bowditch History Fund*

---

BOSTON
GEO. H. ELLIS, PRINTER, 141 FRANKLIN STREET
1889

HELIOTYPE PRINTING CO. BOSTON, MASS.

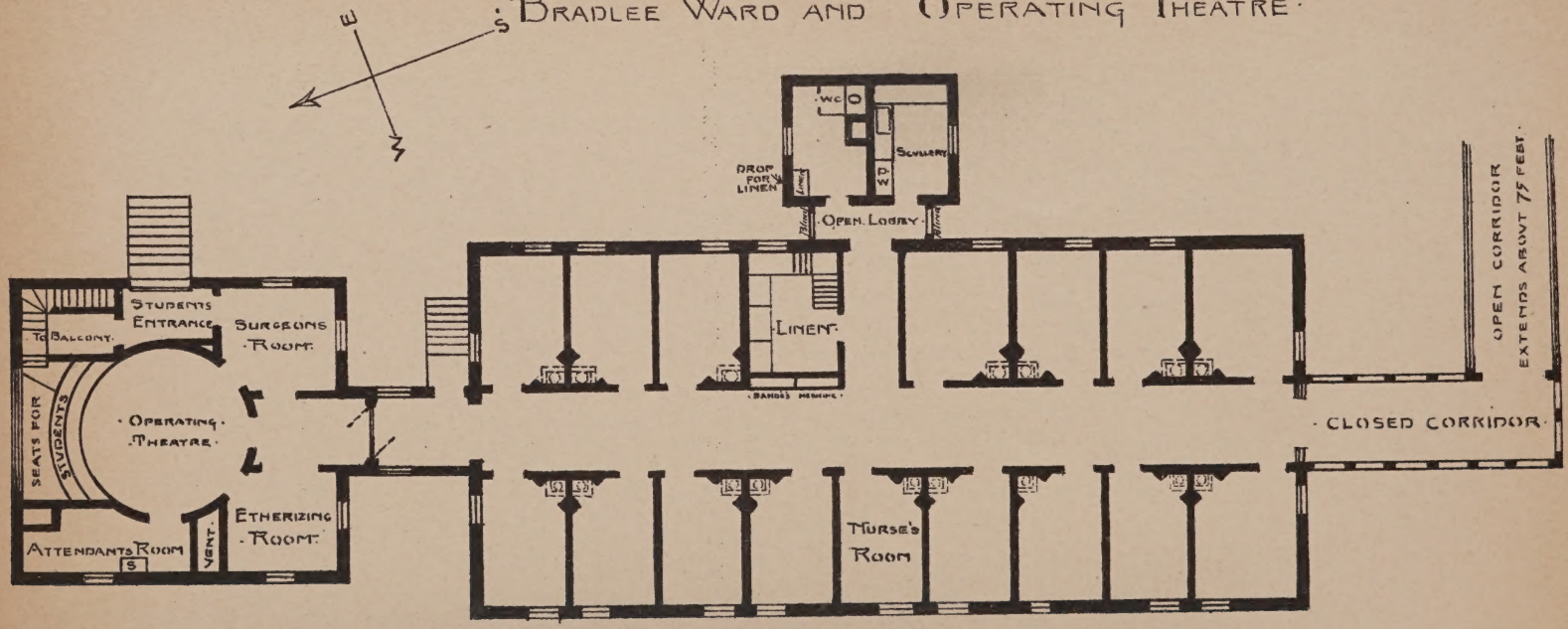
BRADLEE WARD AND THEATRE.

HELIOTYPE PRINTING CO. BOSTON, MASS.

INTERIOR OF BRADLEE OPERATING THEATRE.

# Mass Gen. Hospital, Boston.

## Bradlee Ward and Operating Theatre.




Floor Plan.

1889.

Scale 1 9 ft. to 1 inch

Heliotype Printing Co. Boston.

# THE BRADLEE WARD AND THEATRE.

In April, 1888, the Trustees began the construction of the Bradlee Ward and Theatre, and completed the same near the close of the year. Its location is in front of the Thayer Building for Nurses and 50 feet to the west of the Townsend Ward. It is one story high, built of brick, with freestone lintels and sills, with a roof of slate. The dimensions of the ward are 82 by 36½ feet; wall, 20 feet high; the floor 6 feet above the grade of the ground. It is divided longitudinally by a hall 8 feet wide by 24 feet high, covered by a monitor roof, with windows opening inward. The pavilion contains fifteen rooms for patients, having one bed each. There are also a nurses' sitting-room, a large linen room and two closets for medicines and surgical supplies. Each room has a corner fireplace and also an independent nest of steam radiators hung beneath the floor and supplied with fresh air by ducts from the outside. This air supply is controlled by regulators, and any desired temperature is obtained. Over the windows are small windows, hung from the bottom, to admit air without a direct draft upon the beds. All corners of the rooms are curved. The interior finish is simple, all unnecessary mouldings being avoided. The location of the building is such that each room has the direct sunlight during a part of the day. The means of ventilation are by the open fireplace; by two registers,—one in the side wall above the fireplace and one in the centre of the ceiling, both connecting with a ventilating flue in the chimney. The walls and ceilings throughout are painted in oil colors. In the middle of the ward is a cross-hall 4½ feet wide, opening by double swinging doors to an annexed building, the sanitary department of the ward. Between this and the ward proper an air space is provided, a constant passage of air being supplied from the outside by two large side openings, fitted with open blinds. A wall divides the building midway, making two apartments of equal size. The inside walls are of pressed and white enamelled brick. Of the two rooms, the one to the right serves as a scullery. The one to the left of the dividing wall contains the sanitary closet and hopper and an opening to the basement for soiled clothes. No other part of the ward has connection with the sewer. A double

door at the northerly end of the main hall opens upon a corridor leading to the amphitheatre. The corridor is divided midway by swinging doors. A door to the right opens upon a flight of steps, intended for the entrance and exit of the hospital attendants. Beyond the swinging doors, a door in front opens directly to the amphitheatre floor, one on the right to a surgeons' consultation-room, and one on the left to an etherizing room. Doors from either room connect with the theatre. The walls are of pressed brick. The floors, like those of the corridor and theatre, are of asphalt.

The floor of the amphitheatre is circular in outline, with a diameter of 18 feet. Directly over this is a monitor roof of hammered glass, with an area of 280 square feet. Contiguous with this glass roof, at the northerly end of the theatre, is a window made of 4 sheets of plate glass, the combined area of which is 192 square feet.

Starting at either side of this window is a wainscoting of polished white Italian marble, continued so that it encircles the whole operating space. Above this wainscoting and projecting over it is the first circle or tier of the balcony, guarded in front by a heavy iron and brass railing. The balcony affords standing room for about 100 spectators. Opening out of the amphitheatre on the westerly side is a general supply room. The corresponding space on the easterly side is a passage-way from an outside entrance to a flight of granite stairs, leading to the balcony. From this passage-way, through an arched opening in the marble wall, access is had to additional standing room for 25 spectators. This standing room is obtained by three semicircular tiers of marble and flagging, extending from the amphitheatre floor to the sill of the large northern window. The entire basement is concreted. It has no stairway connection with the floor above. The ward and theatre are lighted by electricity.

# SEVENTY-FIFTH ANNUAL REPORT

OF THE

# TRUSTEES

OF THE

# MASSACHUSETTS GENERAL HOSPITAL

AND

# McLEAN ASYLUM

## 1888

---

*Printed at the Expense of the Bowditch History Fund*

---

BOSTON
GEO. H. ELLIS, PRINTER, 141 FRANKLIN STREET
1889

# SEVENTY-FIFTH ANNUAL REPORT OF THE TRUSTEES

OF THE

# MASSACHUSETTS GENERAL HOSPITAL

**For the Year 1888.**

---

Respectfully submitted by the Committee appointed by the Trustees to prepare a report of the Board, to be presented to the Corporation at its annual meeting.

---

The charitable work of succoring the poor in sickness and providing relief and protection for the insane, which was committed to the first Board of Trustees by the benevolent founders and benefactors of the Hospital and Asylum and which has been carried on by their successors so faithfully and efficiently for nearly three-quarters of a century, has been continued by the present Board of Trustees during another year: affording alleviation or cure to 23,389 sick or suffering persons, of whom 22,418 received treatment free of charge and 971 paid in whole or in part, their cost to the Asylum or Hospital. Of the free patients, 2,549 occupied free beds at the Hospital, 391 at the Convalescent Home, 6 at the Asylum and 19,472 were new out patients, treated at the Hospital. Of the paying patients, 707 were inmates of the Hospital, 6 of the Convalescent Home and 258 of the Asylum.

This work has been accomplished at an expense of $284,322.18. Of this amount, $156,452.12 was received from paying patients, the principal part of

which — namely, $131,390.70 — came from Asylum patients; while the Hospital patients paid only $25,-061.42. A portion of the remainder, $99,613.30, came from income from invested funds applicable to free beds; and $12,106 from free-bed subscriptions and donations. The deficiency, $16,150.76, representing the excess of ordinary expenditures over income, was drawn from the principal of the General Fund. In this respect, the year 1888 does not differ from the five preceding years. In each of these years, the ordinary expenses have exceeded the income; and the total deficiency for the past six years amounts to $98,063.40.

The subscriptions and donations to the Free Bed Fund in 1888, amounting to $12,106, show an increase of $750 over those of the previous year. The Trustees confidently hope for a large increase in the number of subscribers to this fund, believing that thereby the annual deficiency may be much reduced and at the same time, an extended interest in the charities and work of the Hospital created.

The Treasurer's report in detail is appended hereto and his accounts have been examined by the proper Committee and pronounced correct.

The changes in the Medical and Surgical Staff during the year have been few. A new rule has been adopted by the Trustees with regard to the Staff, limiting the age of eligibility to the position of Visiting Surgeon of the Hospital to 63 years; and of Visiting Physician to 65 years. An addition to the Medical Staff at the Asylum has been made by the appointment of Dr. William Noyes as Pathologist and Assistant Physician; and at the Hospital, Dr. Otis K. Newell has been appointed Surgeon to out patients, in place of Dr. West, resigned.

Early in the year, a communication was received

by the Trustees from Dr. Arthur T. Cabot, on behalf of himself and brothers, offering to establish a fund, in amount $10,000, to be called "The Samuel Cabot Fund for Pathological Investigation"; the income of which is to be used for the payment of the services of a Pathologist at the Hospital, who shall hold himself in readiness at all times, to make such pathological examinations and investigations as shall be required by the Visiting Surgeons and Physicians. The offer was gratefully accepted by the Trustees; and Dr. William F. Whitney has been appointed to perform the special duties designated by the generous donors.

During the year, the Board of Trustees has lost by death one of its oldest members in term of service. Appointed by the Commonwealth in 1871, Mr. Samuel D. Warren has continuously since then, served the interests of the Hospital with faithfulness and zeal. The appreciation of his services by his colleagues is shown in the following minute which was adopted at a meeting of the Trustees held in May, 1888: —

> The death of Mr. Warren is a great loss to the Hospital and to the Trustees. Although the infirmities of his later years had interfered with active services, his excellent judgment and his kindly intercourse were as valuable as ever; and now that they are finally taken away, their loss will be deeply regretted. His associates bear cordial and reverent witness to his generous interest in the work committed to them and to the various benefits which he has rendered it in the past seventeen years. His memory will be cherished in the Hospital.

The vacancy occasioned by the death of Mr. Warren was filled by the appointment of Mr. Frederick L. Ames.

In January, a gift of $50,000 was received from Miss Helen C. Bradlee as a memorial of her brother, the late J. Putnam Bradlee. With the approval of Miss Bradlee, a new operating theatre with ward attached,

isolated as much as possible, has been built for the treatment of a class of cases in surgery which specially demands every possible antiseptic precaution. The building is among the first, it is believed, which have been erected for this purpose; and the Trustees confidently expect that much suffering will be alleviated and many lives prolonged by reason of this most noble and charitable gift of Miss Bradlee. The buildings are now completed and will be henceforth known as the Bradlee Ward and Theatre. The sum remaining after the completion of the building has, with the giver's consent, been appropriated to the introduction into the Hospital of an electric light plant; and to the building of a tramway connecting Wards B. C. D. E. and the new ward with the kitchen; thus enabling the patients to receive their food in a much better condition than when transported by hand, through the long corridors connecting the outlying wards with the central building.

Besides Miss Bradlee's gift, donations and bequests have been received as follows: —

| | |
|---|---|
| Donation of Mrs. Nathaniel Thayer, for a permanent free bed, | $1,000.00 |
| Donation of Edward F. Deland, Esq., for a permanent free bed, | 1,000.00 |
| Donation of Dr. Arthur T. Cabot, "to be the nucleus of a Samuel Cabot Fund for Pathological Investigation," . . | 1,000.00 |
| Donation of Dr. Arthur T. Cabot, "toward the first year's salary of the Pathologist," . . . . . | 200.00 |
| Donation of Hon. George S. Hale, for "Hibbard Occupation Fund," the income to be used for the "occupation of patients at the Asylum," . . . . . | 1,000.00 |
| Donation of Mrs. Anna T. Phillips, for free beds, . . . . . | 1,000.00 |
| Donation of Miss Helen W. Faulkner, for free beds, . . . . | 1,000.00 |
| Donation of Mrs. Annie Ruth Hayden, as a memorial of her husband, to be called "The Charles R. Hayden Fund for Free Beds," . . . . . | 2,000.00 |
| Donation of Mahlon D. and John P. Spaulding, Esqs., the income to be used for free beds, . . . . . | 10,000.00 |
| Donation of Miss Sarah R. Spalding, in memory of her brother, to constitute the "Joel Spalding Fund for Free Beds," . . . . . | 3,000.00 |

| | |
|---|---|
| Donation of Mrs. George C. Shattuck, for free beds, | $500.00 |
| Donation of Francis V. Balch, Esq., | 50.00 |
| Donation of "a friend," for free beds, | 10.00 |
| Donation of "an old lady," | 20.00 |
| Donation of F. E., through Thomas E. Proctor, Esq., for free beds, | 20.00 |
| Bequest of Mrs. James McGregor to the free bed fund, | 1,000.00 |
| Bequest of Mrs. Elizabeth B. I. B. Dixwell for the Convalescent Home, | 1,000.00 |
| Part of a bequest of Mrs. Ella F. Roehl, for free beds, | 1,200.00 |
| Part of a bequest of M. P. Sawyer, the income to be used for free beds, | 2,255.21 |

Early in the year, the Library for the use of patients at the Hospital was moved to a more convenient room. Some five hundred books were found to be so worn or of such doubtful value, as to be useless; and have been discarded. Sixty-three new books have been added by purchase; and twenty-five have been presented by friends. A new catalogue has been printed and a copy placed in every ward. The Trustees would be glad to add to the Library any books suited to invalid reading, which friends of the Hospital may feel disposed to give.

During the year, 189 children were received at the Hospital, of whom 41 were under two years of age. The Trustees would again remind the friends of the Hospital and the public that they are glad at all times, to offer the benefits of the Hospital to children. And they also take this opportunity to say that the Convalescent Home is not intended exclusively for convalescents from the Hospital under their charge; but that convalescents from other hospitals or private patients, who require the rest and refreshment which such a Home can give, are always welcome.

The most serious matter occupying the attention of the Trustees since their last report has been the condition and needs of the Asylum at Somerville. Dr. George E. Ellis, in concluding his continuation of the

"History of the Hospital," which closes with the year 1873, says: —

> These pages close at a critical period in the history and future prospects of the asylum at Somerville. The spacious edifices which have been gathered by enlargements and the erection of new structures around the original dwelling purchased by the Trustees, even with all the ingenuity and skill and all the large outlays of money spent upon them, have never been regarded as wholly satisfactory in their arrangements

And then, after commenting on the encroachments upon the spacious gardens and grounds made by the neighboring railroads, Dr. Ellis adds: —

> The Trustees, under the present condition of things, have been brought to the conclusion that it is highly desirable for them to find a new site for the Asylum.

Since the above was written, fifteen years have passed: the Asylum has not been removed; and the objections to the buildings and the site are more cogent than ever. The original buildings were erected more than one hundred years ago; and although additions and alterations have been made from time to time, to adapt them to the demands arising from an ever-growing experience in the care of the insane, still it has been impossible to engraft the new upon the old so as to overcome the deficiencies and make a comprehensive whole. In the mean time, those most experienced and skilled in the care of the insane have come to the conclusion that the proper classification of patients depends very largely, upon the form and arrangement of Asylum buildings; and that these "shape and control more than any one single element the quality and efficiency" of all Asylum work.

In addition to the unfortunate construction of the buildings, the encroachments of the railroads con-

tinue; and the surroundings become more unsuitable every day; and so the Trustees feel deeply the necessity of an early removal. To this end, they have become the owners of an extensive tract of land at Belmont, high and salubrious; and have already erected upon a portion of it "The Convalescent Home," for the use of the General Hospital. They have also accumulated an Asylum building fund, now amounting to nearly $200,000. But this sum together with what may be realized from the sale of the present Asylum site, will not construct such buildings as present experience demands for the proper classification and distribution of patients. Moreover, it will be impossible to sell the Somerville estate until the new buildings are completed and the patients removed. To borrow money to be paid in part, from the sale of the old Asylum estate, is undesirable; particularly as that estate may be slow of sale. Nevertheless, so impressed are the Trustees with the importance and necessity of the change that the study of plans is now going on; and if they can be completed to the satisfaction of the Trustees in time, they hope in the Spring, to begin work upon one or perhaps two buildings for convalescent patients of the Asylum,— one for males and one for females. And they confidently believe that if their plans can be carried to a complete consummation, the new Asylum will be at once, more than self-supporting and at the same time, its meliorating and curative powers greatly increased. But this cannot be accomplished by the Trustees with the slender means at present in their control. It can only be brought about by generous and liberal gifts from the benevolent and charitable men and women of Massachusetts.

DAVID R. WHITNEY,
FREDERICK L. AMES,
*Committee.*

# REPORT OF THE TREASURER

OF THE

# MASSACHUSETTS GENERAL HOSPITAL.

---

TO THE BOARD OF TRUSTEES:

*Gentlemen*,— In accordance with the Fifth Article of the By-Laws, the report of the accounts of the Massachusetts General Hospital, made up to the last day of December, 1888, is respectfully submitted to be laid before the Corporation at its annual meeting.

*Dr.* FRANKLIN HAVEN, JR., *Treasurer, in account with the* MASSACHUSETTS GENERAL HOSPITAL. *Cr.*

| | | | |
|---|---|---|---|
| To Balance Cash on hand Dec. 31, 1887, | $16,910.56 | By Cash paid Insurance, | $5,712.82 |
| " Railroad Bonds sold, | 50,000.00 | " " " Annuitants, | 4,001.58 |
| " United States Bonds sold, | 10,000.00 | " " " Annual Report, 1887, | 303.21 |
| " Real Estate, No. 183 Harrison Avenue, sold, | 11,500.00 | " " " Taxes at Belmont, | 456.00 |
| " One-third profits Mass. Hospital Life Ins. Co., | 5,000.00 | " " " Expenses of Hospital, | 135,229.47 |
| " Donations and legacies, | 77,205.21 | " " " Expenses of Asylum, | 139,178.98 |
| " Income from investments, | 115,861 58 | " " " Expenses of Convalescent Home, | 9,913.73 |
| " Notes Receivable, | 190,000.00 | " " " Investments, | 114,642.25 |
| " Notes Payable, | 4,500.00 | " " " Library, | 347.13 |
| " Board of paying patients at Asylum, | 131,390.70 | " " " Wooden legs, | 525.00 |
| " Board of paying patients at Hospital, | 23,009.42 | " " " Premiums, | 1,665.75 |
| " Board of paying patients at Convalescent Home, | 2,052.00 | " " " Belmont Improvements, | 6,345.10 |
| " Subscribers for Free Beds ($5,556 received for this purpose in 1887), | 6,550.00 | " " " Real Estate, corner of Washington and Kneeland Streets, | 150,000.00 |
| " Subscribers for Free Beds for 1889 in advance, | 5,125.00 | " " " Real Estate, Fruit Street and vicinity, | 26,203.60 |
| " Edward Cowles, Superintendent, balance in account, | 1,615.37 | " " " Thayer Building Improvements, | 1,821.21 |
| " Jno. W. Pratt, Resident Physician, balance in account, | 561.94 | " " " Tramway, Hospital, | 73.44 |
| | | " " " Electric Lighting, Hospital, | 92.93 |
| | | " " " Ward E and Theatre, Hospital, | 27,347.45 |
| | | " " " Salary of Pathologist, Hospital, | 323.00 |
| | | " " " Heirs of Mrs. Susan G. Huse, Redman Annuitant, | 4,000.00 |
| | | " Balance Cash on hand Dec. 31, 1888, | 23,099.13 |
| | $651,281.78 | | $651,281.78 |

The expenses of carrying on the business of the Corporation for the year 1888 have been $284,322.18, namely: —

| | | |
|---|---|---|
| On account of Hospital Department, . . . | $135,229.47 | |
| " " " McLean Asylum, . . . . . | 139,178.98 | |
| " " " Convalescent Home, . . . . | 9,913.73 | |
| | | $284,322.18 |

These expenses have been met from: —

| | | |
|---|---|---|
| Amount charged to patients, . . . . . | $156,452.12 | |
| Income from various funds applicable, . . . | 99,613.30 | |
| Subscriptions for Free Beds for 1888, . . . | 12,106.00 | |
| Deficit drawn from the General Fund, . . . | 16,150.76 | |
| | | $284,322.18 |

The receipts at Convalescent Home have exceeded the expenses $377.47; the receipts at the McLean Asylum have exceeded the expenses $2,412.32; and the expenses at the Hospital have exceeded the receipts $18,940.55, making a net deficit of $16,150.76.

TABLE No. 1.

HOSPITAL DEPARTMENT.

Expenses and receipts for the year 1888: —

| | | |
|---|---|---|
| Expenses at the Hospital (see Table 4), . . | | $135,229.47 |
| *Receipts.* | | |
| Income from Redman Fund (see Table 7), . | $27,306.78 | |
| " " Free Bed Funds (see Table 7), . | 38,222.48 | |
| " " Funds, income unrestricted (see Table 7), . . . . . | 2,400.00 | |
| " " General Fund (see Table 7), . | 13,244.24 | |
| " " Free Bed Subscriptions (see Table 8), . . . . . | 12,106.00 | |
| Amount charged to patients, . . . . . | 23,009.42 | |
| Deficit from General Fund, . . . . . | 18,940.55 | |
| | | $135,229.47 |

TABLE No. 2.

McLEAN ASYLUM.

## Expenses and receipts for the year 1888: —

| | | |
|---|---|---|
| Expenses at the Asylum (see Table 5), . . . | | $139,178.98 |
| *Receipts.* | | |
| Income from Fund for Beneficiaries, . . . . . | $4,500.60 | |
| " " " " Female Beneficiaries, . | 5,100.00 | |
| " " Amusement Fund, . . . . . | 600.00 | |
| Amount charged to patients, . . . . . | 131,390.70 | |
| | | 141,591.30 |
| Balance of Receipts over Expenses credited to the General Fund, . . . . . | | $2,412.32 |

TABLE No. 3.

CONVALESCENT HOME.

## Expenses and receipts for the year 1888: —

| | | |
|---|---|---|
| Expenses at Convalescent Home (see Table 6), | | $9,913.73 |
| *Receipts.* | | |
| Income from Convalescent Home Fund, . . | $8,239.20 | |
| Amount charged to patients, . . . . . | 2,052.00 | |
| | | 10,291.20 |
| Balance of Receipts over Expenses credited to the General Fund, . . . . . | | $377.47 |

TABLE No. 4.

## Expenses of the Hospital Department: —

| | | |
|---|---|---|
| For Stores, . . . . . | $43,955.05 | |
| Gas and Oil, . . . . . | 3,267.23 | |
| Water and Ice, . . . . . | 2,443.58 | |
| Wages, . . . . . | 33,782.94 | |
| Medicine, . . . . . | 2,890.15 | |
| Furniture, . . . . . | 9,873.43 | |
| Surgical Instruments, . . . . . | 3,199.99 | |
| Stationery, . . . . . | 833.79 | |
| Wines and Liquors, . . . . . | 3,022.80 | |
| Salaries, . . . . . | 3,750.00 | |
| One-half General Expenses, . . . . . | 855.89 | |
| Fuel, . . . . . | 10,343.89 | |
| Contingencies, . . . . . | 2,058.79 | |
| Library, . . . . . | 62.58 | |
| Repairs, . . . . . | 14,889.36 | |
| | | $135,229.47 |

These expenditures have been for account of: —

| | | |
|---|---|---|
| 2,549 Free Patients for 8,840 weeks, . . . . | $119,634.59 | |
| 707 Paying Patients for 1,196 weeks, . . . | 15,594.88 | |
| | | $135,229.47 |
| The average number of patients was, in 1887, | 185 | |
| The average number of patients has been, in 1888, . . . . . | 193 | |
| The average cost per week in 1887 was . . . | $12.56 | |
| The average cost per week in 1888 has been . | 13.47 | |
| The total expenses were, in 1887, . . . . . | 120,881.61 | |
| The total expenses have been, in 1888, . . . | 135,229.47 | |
| The amount paid for account of free patients, | | $119,634.59 |
| The amount received for them has been: — | | |
| From Income of Free Bed Funds, . . . | $38,222.48 | |
| From Subscribers for this object (see Table 8), . . . . . | 12,106.00 | |
| | | $50,328.48 |

The deficiency has been drawn in part from the income of the various funds applicable to the purpose, and the remainder from the General Fund.

TABLE No. 5.

EXPENSES OF THE ASYLUM DEPARTMENT.

| | | |
|---|---|---|
| For Stores, . . . . . | $43,643.47 | |
| Laundry, . . . . . | 9,059.88 | |
| Fuel, . . . . . | 9,081.34 | |
| Stationery, . . . . . | 426.87 | |
| Medicines and Liquors, . . . . . | 2,263.63 | |
| Contingencies, . . . . . | 2,223.43 | |
| Furniture, . . . . . | 6,795.73 | |
| Repairs, . . . . . | 10,940.90 | |
| Diversions, . . . . . | 1,598.15 | |
| Belmont Improvements, . . . . . | 1,668.84 | |
| Water and Ice, . . . . . | 2,354.34 | |
| Lights, . . . . . | 3,089.74 | |
| Wages, . . . . . | 29,490.15 | |
| Salaries, . . . . . | 9,760.00 | |
| One-half General Expenses, . . . . . | 1,092.89 | |
| Library, . . . . . | 600.00 | |
| Stables, . . . . . | 3,873.82 | |
| Garden, . . . . . | 2,777.05 | |
| | | $140,740.23 |
| Less Cr. Clothing, $240.87; Farm, $1,320.38, | | 1,561.25 |
| | | $139,178.98 |

These expenditures have been for account of: —

| | | |
|---|---|---|
| Patients paying cost and more, | | $34,146.73 |
| Patients paying less than cost, | | 105,032.25 |
| | | $139,178.98 |
| The average number of patients in 1887, | 160 | |
| The average number of patients in 1888, | 164 | |
| The average cost per week in 1887, | $16.35 | |
| The average cost per week in 1888, | 15.98 | |
| The total expenses in 1887, | | $139,497.70 |
| The total expenses in 1888, | | 139,178.98 |
| The amount expended at the Asylum for patients who have paid less than cost has been, | | $105,032.25 |
| The amount received has been: — | | |
| From patients, 6,452 weeks' board at less than cost, | $60,961.74 | |
| Income of Funds for Beneficiaries, | 4,500.60 | |
| Income of Funds for Female Beneficiaries, | 5,100.00 | |
| Income of Amusement Fund, | 600.00 | |
| | | 71,162.34 |
| | | $33,869.91 |

The deficiency has been drawn in part from patients paying more than cost, and the remainder from the General Fund.

TABLE No. 6.

EXPENSES OF THE CONVALESCENT HOME.

| | |
|---|---|
| For Stores, | $4,041.22 |
| Gas and Oil, | 62.65 |
| Furniture, | 297.22 |
| Wages, | 3,222.85 |
| Fuel, | 823.59 |
| Ice, | 114.06 |
| Repairs, | 801.73 |
| Contingencies, | 410.26 |
| Surgical Instruments, | 31.35 |
| Medicines, | 89.50 |
| Wines and Liquors, | 19.30 |
| | $9.913.73 |

| | | |
|---|---|---|
| Whole number of patients admitted during the year, males, | 224 | |
| Whole number of patients admitted during the year, females, | 173 | |
| | 397 | |
| Number of patients Jan. 1, 1888, | 16 | |
| | | 413 |

| | | |
|---|---|---|
| Whole number discharged during the year, | | 394 |
| Remaining, Jan. 1, 1889, males, | 12 | |
| Remaining, Jan. 1, 1889, females, | 7 | |
| | | 19 |

TABLE No. 7.

INCOME FROM INVESTMENTS.

| | |
|---|---|
| From Annuities Receivable, | $6,400.00 |
| City and Town Bonds, | 680.00 |
| United States Bonds, | 400.00 |
| Mass. Hospital Life Ins. Co. Stock, | 4,000.00 |
| Railroad Bonds, | 41,241.87 |
| Manufacturing Stocks, | 3,924.00 |
| Bank Stocks, | 8,904.29 |
| Real Estate, Productive, | 38,512.87 |
| Notes Receivable, | 8,903.15 |
| Interest, | 861.80 |
| Railroad Stocks, | 1,940.00 |
| Del. Mut. Ins. Co., | 93 60 |
| | $115,861.58 |

Which has been distributed as follows: —

| | | | |
|---|---|---|---|
| To G. H. Gay Fund, | | | $368.55 |
| Redman Fund, | | | 27,306.78 |
| Warren Prize Fund, | | | 214.79 |
| Bowditch History Fund, | | | 120.00 |
| Wooden Leg Fund, | | | 300.00 |
| Redman Annuities, | | | 791.58 |
| Clara Barton Annuity, | | | 194.46 |
| Surgical Instrument Fund, | | | 81.00 |
| Amusement Fund, | | | 600.00 |
| Free Bed Funds, | for use, | $38,222.48 | 38,922.48 |
| | for Joy Annuitants, | 700.00 | |
| Beneficiaries at Asylum Funds, | | | 4,500.60 |
| Warren Library Fund, | | | 60 00 |
| One-half Lincoln Fund,— Female Beneficiaries, | | | 5,100.00 |
| Funds with Income Unrestricted, | | | 2,400.00 |
| General Fund, | | | 13,244.24 |
| Convalescent Home Fund, | | | 8,239 20 |
| Asylum Building Fund, | | | 11,244.90 |
| Whittemore Fund, | | | 1,500.00 |
| Urbino Fund, | | | 300.00 |
| Treadwell Library Fund, | | | 300.00 |
| Samuel Cabot Fund, | | | 53.00 |
| Hibbard Fund, | | | 20.00 |
| | | | $115,861.58 |

The Income for 1885 was . . . . . $97,911.71
The Income for 1886 was . . . . . 102,964.50
The Income for 1887 was . . . . . 108,486.35
The Income for 1888 has been . . . . . 115,861.58

## TABLE No. 8.

### SUBSCRIBERS FOR FREE BEDS FOR 1888.

| | | | |
|---|---|---|---|
| American Bell Telephone Co., | $56 | George Higginson, . . . . | $100 |
| Oliver Ames & Sons' Corporation, . . . . . | 100 | Miss E. Hooper, . . . . . | 100 |
| C. W. Amory, . . . . . | 100 | E. W. Hooper, . . . . . | 100 |
| William Amory, . . . . . | 100 | George D. Howe, . . . . . | 100 |
| D. H. Andrews, . . . . . | 100 | Francis W. Hunnewell, . . | 100 |
| Boston & Albany R.R. Co., . | 500 | Mrs. Charlotte A. Johnson, . | 100 |
| Boston & Lowell R.R. Co., . | 300 | Samuel Johnson, . . . . . | 100 |
| Boston & Maine R.R. Co., . | 500 | David P. Kimball, . . . . | 100 |
| Boston & Providence R.R. Co., | 100 | L. C. Kimball, . . . . . | 100 |
| Mrs. E. B. Bowditch, . . . | 200 | Amory A. Lawrence, . . . | 100 |
| J. L. Bremer, . . . . . | 100 | Mrs. Anna C. Lodge, . . . | 100 |
| Richard Briggs, . . . . . | 100 | Thornton K. Lothrop, . . . | 100 |
| Martin Brimmer, . . . . . | 100 | Mrs. Thornton K. Lothrop, . | 100 |
| P. C. Brooks, . . . . . | 100 | Theodore Lyman, . . . . | 100 |
| Shepherd Brooks, . . . . . | 100 | Ida M. Mason, . . . . . | 100 |
| William S. Bullard, . . . . | 100 | W. Powell Mason, . . . . | 100 |
| Mrs. Laura M. Case, . . . . | 100 | Mass. Humane Society, . . | 200 |
| J. Randolph Coolidge, . . . | 100 | Mrs. Caroline Merriam, . . | 100 |
| J. T. Coolidge, Jr., . . . . | 100 | Charles Merriam, . . . . . | 100 |
| T. Jefferson Coolidge, . . . | 100 | Misses M. C. and H. K. Mixter, | 100 |
| T. Jefferson Coolidge, Jr., . | 100 | C. J. Morrill, . . . . . | 100 |
| Mrs. Arthur Croft, . . . . | 100 | Alexander Moseley, . . . . | 100 |
| Charles P. Curtis, . . . . . | 100 | Old Colony R.R. Co., . . . | 500 |
| Greely S. Curtis, . . . . . | 100 | F. W. Palfrey, . . . . . | 100 |
| Mrs. J. G. Cushing, . . . . | 100 | F. H. Peabody, . . . . . | 100 |
| F. Gordon Dexter, . . . . | 100 | Frank E. Peabody, . . . . | 100 |
| George Dexter, . . . . . | 300 | C. E. Perkins, . . . . . | 100 |
| Mrs. C. H. Dalton, . . . . | 100 | W. D. Pickman, . . . . . | 100 |
| Stephen G. Deblois, . . . . | 100 | A. L. Rotch, . . . . . | 100 |
| Edmund Dwight, . . . . . | 100 | Mrs. B. S. Rotch, . . . . . | 100 |
| Samuel Eliot, . . . . . | 100 | Henry Saltonstall, . . . . | 100 |
| William Endicott, Jr., . . . | 100 | F. R. Sears, . . . . . | 100 |
| Employers' Liability Assurance Corporation, Lim'd, | 100 | Mrs. F. R. Sears, Jr., . . . | 100 |
| Mrs. Elizabeth E. Fay, . . . | 100 | Mrs. G. H. Shaw, . . . . . | 100 |
| Henry H. Fay, . . . . . | 100 | Henry S. Shaw, . . . . . | 100 |
| Joseph S. Fay, . . . . . | 100 | J. P. Squire, . . . . . | 200 |
| Joseph S. Fay, Jr., . . . . | 100 | J. P. Squire & Co., . . . . | 100 |
| Fitchburg R.R. Co., . . . . | 500 | Nathaniel Thayer, . . . . | 200 |
| John Foster, . . . . . | 100 | George W. Wales, . . . . | 100 |
| George A. Gardner, . . . . | 100 | Mrs. Charles E. Ware, . . . | 100 |
| Mrs. Helen M. Gardner, . . | 100 | Otis E. Weld, . . . . . | 100 |
| John L. Gardner, . . . . . | 200 | Miss Anne Wigglesworth, . | 200 |
| Joseph B. Glover, . . . . . | 100 | R. C. Winthrop, Jr., . . . . | 100 |
| Miss Eliza Goodwin, . . . . | 100 | Mrs. Thomas Lindall Winthrop, . . . . . | 100 |
| Mrs. Mary P. Greenleaf, . . | 100 | Henry Woods, . . . . . | 100 |
| W. O. Grover, . . . . . | 100 | J. Huntington Wolcott, . . | 100 |
| F. Haven, Jr., . . . . . | 100 | Mrs. J. Huntington Wolcott, | 100 |
| F. L. Higginson, . . . . . | 100 | Other donations, . . . . . | 50 |
| | | | $12,106 |

## TABLE No. 9.— LIBRARY FUNDS.

### TREADWELL LIBRARY FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1887: — | | |
| Principal, | | $5,000.00 |
| Income, | $89.55 | |
| 1888, Income received, | 300.00 | |
| | $389.55 | |
| Income expended, | 347.13 | |
| | $42.42 | |
| Balance, Dec. 31, 1888: — | | |
| Principal, | | 5,000.00 |
| Income, | $42.42 | |

### WARREN LIBRARY FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1887: — | | |
| Principal, | | $1,000.00 |
| Income, | $639.62 | |
| 1888, Income received, | 60.00 | |
| | $699.62 | |
| Balance, Dec. 31, 1888: — | | |
| Principal, | | 1,000.00 |
| Income, | $699.62 | |

## TABLE No. 10.

### WOODEN LEG FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1887: — | | |
| Principal, | | $5,000.00 |
| Income, | $475.19 | |
| 1888, Income received, | 300.00 | |
| | $775.19 | |
| Income expended, | 525.00 | |
| | $250.19 | |
| Balance, Dec. 31, 1888: — | | |
| Principal, | | 5,000.00 |
| Income, | $250.19 | |

## TABLE No. 11.

### THE BOWDITCH HISTORY FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1887: — | | |
| Principal, | | $2,000.00 |
| Income, | $879.36 | |
| 1888, Income received, | 120.00 | |
| | $999.36 | |
| Income expended, | 303.21 | |
| | $696.15 | |
| Balance, Dec. 31, 1888: — | | |
| Principal, | | 2,000.00 |
| Income, | $696.15 | |

TABLE No. 12.

GENERAL FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1887, | $1,121,388.81 | |
| Add one-third profits of Mass. Hospital Life Ins. Co., | 5,000.00 | |
| Add donation of Miss Helen C. Bradlee, | 50,000.00 | |
| Add donation of Mr. Francis V. Balch, | 50.00 | |
| Add profit on sale of land and house, Harrison Avenue, | 1,382.75 | |
| | | $1,177,821.56 |
| Less balance of Insurance Account, | $5,712.82 | |
| Less balance of premium for Stocks and Bonds, | 1,665.75 | |
| Less amount paid J. Wilson, Annuitant, | 710.00 | |
| Less balance of expenses over Income, | 16,150.76 | |
| Balance, Dec. 31, 1888, | 1,153,582.23 | |
| | | 1,177,821.56 |

TABLE No. 13.

RESTRICTED FUNDS.

Income devoted to Free Beds: —

| | |
|---|---|
| The Joy Fund, being a bequest from Miss Nabby Joy, | $20,000.00 |
| Belknap Fund, being a bequest from Jeremiah Belknap, | 10,000.00 |
| Wm. Phillips Fund, being a bequest from Wm. Phillips, | 5,000.00 |
| Williams Fund, being a bequest from John D. Williams, of estate No. 17 Blackstone Street, | 19,600.00 |
| Bromfield Fund, being half of a bequest from John Bromfield, | 20,000.00 |
| Miss Townsend Fund, being a donation from the Executors of the will of Miss Mary P. Townsend, | 11,486.50 |
| Brimmer Fund, being a bequest from Miss Mary Ann Brimmer, | 5,000.00 |
| Wilder Fund, being a bequest from Charles W. Wilder, | 12,000.00 |
| Sever Fund, being a bequest from Miss Martha Sever, | 500.00 |
| Thompson Fund, being a bequest from S. B. Thompson, | 500.00 |
| *Amount carried forward*, | $104,086.50 |

| | |
|---|---|
| *Amount brought forward*, . . . . . | $104,086.50 |
| Tucker Fund, being a bequest from Miss Margaret Tucker, . . . . . | 3,312.37 |
| Davis Fund, being a bequest from Mrs. Eleanor Davis, . . . . . | 900.00 |
| Loring Fund, being a bequest from Abigail Loring, . . . . . | 5,000.00 |
| Nichols Fund, being a bequest from B. R. Nichols, . . . . . | 6,000.00 |
| Gray Fund, being a donation from John C. Gray, . . . . . | 1,000.00 |
| Dowse Fund, being a bequest from Thomas Dowse, . . . . . | 5,000.00 |
| Todd Fund, being a bequest from Henry Todd, . . . . . | 5,000.00 |
| J. Phillips Fund, being a bequest from Jonathan Phillips, . . . . . | 10,000.00 |
| Greene Fund, being a bequest from Benj. D. Greene, . . . . . | 5,000.00 |
| Percival Fund, being a bequest from John Percival, . . . . . | 950.00 |
| Pickens Fund, being a bequest from John Pickens, . . . . . | 1,676.75 |
| Treadwell Fund, being part of a bequest from J. G. Treadwell, . . . . . | 38,703.91 |
| Raymond Fund, being a bequest from E. A. Raymond, . . . . . | 2,820.00 |
| Harris Fund, being part of a bequest from Charles Harris, . . . . . | 1,000.00 |
| Mason Fund, being a bequest from Wm. P. Mason, . . . . . | 9,400.00 |
| Sawyer Fund, being part of a bequest from M. P. Sawyer, . . . . . | 7,000.00 |
| J. L. Gardner Fund, being a donation from J. L. Gardner, . . . . . | 20,000.00 |
| B. T. Reed Fund, being a donation from Benj. T. Reed, . . . . . | 1,000.00 |
| Wm. Reed Fund, being a bequest from Wm. Reed, . . . . . | 5,233.92 |
| McGregor Fund, being half of a donation and bequest from James McGregor, . | 7,500.00 |
| Miss Rice Fund, being a bequest from Miss Arabella Rice, . . . . . | 5,000.00 |
| Templeton Fund, being half of a bequest from John Templeton, . . . . . | 5,000.00 |
| Mrs. J. H. Rogers Fund, being a donation from J. H. Rogers, . . . . . | 1,177.50 |
| *Amount carried forward*, . . . . . | $251,760.95 |

| | |
|---|---|
| *Amount brought forward*, . . . . . | $251,760.95 |
| Beebe Fund, being a bequest from J. M. Beebe, . . . . . | 50,000.00 |
| Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln, . . . . | 85,000.00 |
| Blanchard Fund, being a bequest from Mrs. M. B. Blanchard, . . . . . | 4,000.00 |
| George Gardner Fund, being a donation from George Gardner, . . . . . | 1,000.00 |
| Hemenway Fund, being a donation from the Executors of the will of Augustus Hemenway, . . . . . | 20,000.00 |
| Jessup Fund, being part of a bequest from Dr. Chas. A. Jessup, . . . . | 1,000.00 |
| Tufts Fund, being a bequest from Quincy Tufts, . . . . . | 10,000.00 |
| Read Fund, being half of a bequest from Jas. Read, . . . . . | 1,000.00 |
| Parker Fund, being a bequest from Jno. Parker, Jr., . . . . . | 10,000.00 |
| Miss Shaw Fund, being a donation and bequest from Miss M. Louisa Shaw, . | 5,500.00 |
| Eliza Perkins Fund, being a donation from Mrs. H. B. Rogers, . . . . . | 1,000.00 |
| Dwight Fund, being a donation from Mrs. T. Bradford Dwight, . . . . | 1,000.00 |
| Hunnewell Fund, being a donation from H. H. Hunnewell, . . . . . | 10,000.00 |
| R. M. Mason Fund, being a bequest from R. M. Mason, . . . . . | 5,000.00 |
| Hannah Lowell Cabot Fund, being a donation from Dr. Samuel Cabot, . . . | 1,000.00 |
| Welles Fund, being a donation from Miss Jane Welles, . . . . . | 5,000.00 |
| Black Fund, being a bequest from Miss Marianna Black, . . . . . | 2,000.00 |
| Eben Wright Fund, being an assignment of legacies by the children of T. Jefferson Coolidge, . . . . . | 14,000.00 |
| Paraclete Holmes Fund, being a donation from W. S. Adams, . . . . . | 2,000.00 |
| Estabrooks Fund, being a bequest from J. W. Estabrooks, . . . . . | 1,000.00 |
| The Thayer Fund, being a bequest from Nathaniel Thayer, . . . . . | 30,000.00 |
| Sawyer Fund, being part of a bequest from M. P. Sawyer, . . . . . | 61.653.06 |
| *Amount carried forward*, . . . . . | $572,914.01 |

| | | |
|---|---|---|
| *Amount brought forward*, . . . . . | $572,914.01 | |
| Ann E. Gray Fund, being a bequest from Miss Ann E. Gray, . . . . . | 5,000.00 | |
| John Bertram Fund, being a donation from Mrs. Clara Bertram Kimball, . | 5,000.00 | |
| Hannah C. Leland Fund, being a bequest from Mrs. Hannah C. Leland, . . . | 15,000.00 | |
| Esther E. Beebe Fund, being a bequest from Mrs. Esther E. Beebe, . . . | 2,000.00 | |
| Ella F. Roehl Fund, being part of a bequest from Ella F. Roehl, . . . | 7,200.00 | |
| Two subscriptions from Friends, $100 each, . . . . . | 200.00 | |
| Henry B. Rogers Fund, being a bequest from Henry B. Rogers, . . . . . | 10,000.00 | |
| John H. Eastburn Fund, being a bequest from John H. Eastburn, . . . . . | 10,000.00 | |
| Mrs. Susan F. Eastburn Fund, being a bequest from Mrs. Susan F. Eastburn, | 1,000.00 | |
| William B. Craft Fund, being a bequest from William B. Craft, . . . . . | 5,000.00 | |
| Emily W. Appleton Fund, being a donation from Mrs. Emily W. Appleton, . | 1,000.00 | |
| Charles R. Hayden Fund, being a donation from Mrs. Annie Ruth Hayden, | 2,000.00 | |
| Spaulding Fund, being a donation of Mahlon D. and John P. Spaulding, . | 10,000.00 | |
| Shattuck Fund, being a donation of Mrs. George C. Shattuck, . . . . . | 500.00 | |
| Joel Spalding Fund, being a donation of Miss Sarah R. Spalding, . . . . . | 3,000.00 | |
| McGregor Fund, being a bequest of Mrs. James McGregor, . . . . . | 1,000.00 | $650,814.01 |

## Income devoted to beneficiaries at Asylum:—

| | | |
|---|---|---|
| The Bromfield Fund, being half of a bequest from John Bromfield, . . . . . | $20,000.00 | |
| Read Fund, being half of a bequest from Jas. Read, . . . . . | 1,000.00 | |
| Appleton Fund, $10,010 being a bequest from Samuel Appleton, $20,000 being a donation from Wm. Appleton, . . | 30,010.00 | |
| McGregor Fund, being half of a donation and bequest from James McGregor, . | 7,500.00 | |
| *Amounts carried forward*, . . . . . | $58,510.00 | $650,814.01 |

| | | |
|---|---|---|
| *Amounts brought forward*, . . . . . | $58,510.00 | $650,814.01 |
| Austin Fund, being part of a bequest from Mrs. Agnes Austin, . . . . | 5,000.00 | |
| Kittredge Fund, being a bequest from Rufus Kittredge, . . . . . | 5,500.00 | |
| Templeton Fund, being half of a bequest from John Templeton, . . . . . | 5,000.00 | |
| Proctor Fund, being a bequest from Mrs. Lydia P. Proctor, . . . . . | 1,000.00 | |
| | | 75,010.00 |
| **Income devoted to Female Beneficiaries at Asylum: —** | | |
| The Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln, . . . . | | 85,000.00 |
| **Income unrestricted: —** | | |
| The Waldo Fund, being a bequest from Daniel Waldo, . . . . . | | 40,000.00 |
| **Income devoted to any purpose except buildings: —** | | |
| The Redman Fund, being a bequest from John Redman, . . . . . | | 455,113.34 |
| **Income devoted to a Triennial Prize: —** | | |
| The Warren Prize Fund, being a bequest from Dr. J. M. Warren, . . . . . | | 3,579.92 |
| **Income devoted to the Library: —** | | |
| The Treadwell Library Fund, being part of a bequest from J. G. Treadwell, . . . | | 5,000.00 |
| **Income devoted to Books for Patients: —** | | |
| The Warren Library Fund, being a donation from Dr. J. C. Warren, . . . . . | | 1,000.00 |
| **Income and Principal devoted to the publication of a History of the Hospital: —** | | |
| The Bowditch History Fund, being a bequest from N. I. Bowditch, . . . . . | | 2,000.00 |
| *Amount carried forward*, . . . . . | | $1,317,517.27 |

| | | |
|---|---|---|
| *Amount brought forward,* . . . . . | | $1,317,517.27 |
| Income devoted to Amusements at the Asylum: — | | |
| The Amusement Fund, $5,000 being a bequest from Miss Mary Louisa Shaw, $5,000 being a donation from Mrs. Quincy A. Shaw and other Ladies, . . . . . | | 10,000.00 |
| Income devoted to Special Surgical Instruments: — | | |
| The Surgical Instrument Fund, being a donation from Dr. H. J. Bigelow, $1,250; donation of Mr. R. M. Moore, $100, . | | 1,350.00 |
| The Wooden Leg Fund: — | | |
| Being a bequest from N. I. Bowditch, . . . | | 5,000.00 |
| The Convalescent Home Fund, . | $132,280.66 | |
| Donation from Mr. George A. Gardner, . . . . . | 5,000.00 | |
| Donation from Miss Mary Russell, . . . . . | 40.00 | |
| Bequest of Elizabeth B. I. B. Dixwell, . . . . . | 1,000.00 | |
| | | 138,320.66 |
| Permanent Free Beds: — | | |
| Miss Marian Hovey, . . . . . | $1,000.00 | |
| Mrs. Fanny H. Morse, . . . . . | 1,000.00 | |
| Henry S. Hovey, . . . . . | 1,000.00 | |
| Edward Woodman, . . . . . | 1,000.00 | |
| Children of Mrs. Henry Windsor, . . . . . | 1,000.00 | |
| D. R. Whitney, . . . . . | 1,000.00 | |
| George Gardner, . . . . . | 1,000.00 | |
| Mrs. Nathaniel Thayer, . . . . . | 1,000.00 | |
| Edward F. Daland, . . . . . | 1,000.00 | |
| Mrs. Anna I. Phillips, . . . . . | 1,000.00 | |
| Miss Helen W. Faulkner, . . . . . | 1,000.00 | |
| | | 11,000.00 |
| Redman Annuities, . . . . . | | 11,600.00 |
| *Amount carried forward,* . . . . . | | $1,494,787.93 |

| | | |
|---|---|---|
| *Amount brought forward,* | | $1,494,787.93 |
| Clara Barton Annuity, | | 3,241.00 |
| Asylum Building Fund, | | 198,660.83 |
| G. H. Gay Fund, | | 6,511.08 |
| Dr. J. H. Whittemore Memorial Fund, | | 33,720.00 |
| S. R. Urbino Fund, | | 5,000.00 |
| Hibbard Occupation Fund, | | 1,000.00 |
| Samuel Cabot Fund for Pathological Investigation, | | 1,000.00 |
| Add unused income at credit of | | |
| Warren Prize Fund, | $575.11 | |
| Warren Library Fund, | 699.62 | |
| Bowditch History Fund, | 696.15 | |
| Surgical Instrument Fund, | 1,556.21 | |
| Wooden Leg Fund, | 250.19 | |
| Clara Barton Annuity, | 385.68 | |
| Treadwell Library Fund, | 42.42 | |
| Hibbard Occupation Fund, | 20.00 | |
| | | 4,225.38 |
| Total of Restricted Funds, | | $1,748,146.22 |

## TRIAL BALANCE, DECEMBER 31, 1888.

| | Dr. | | Cr. |
|---|---|---|---|
| Land and Buildings for Asylum, | $320,794.75 | | |
| Land and Buildings for Hospital, | 605,426.54 | | |
| Land and Improvements at Belmont, | 90,200.51 | | |
| Annuities Receivable, | 160,000.00 | | |
| Insurance Stock, | 50,000.00 | | |
| Reversions, | 10.00 | | |
| Delaware Mutual Insurance Company's Scrip, | 520.00 | | |
| Manufacturing Companies Stocks, | 47,400.00 | | |
| Bank Stocks, | 84,200.00 | | |
| Railroad Stocks, | 25,500.00 | | |
| Railroad Bonds, | 662,100.00 | | |
| Old Colony Steamboat Company Bonds, | 16,000.00 | | |
| City and Town Bonds, | 13,000.00 | | |
| Notes Receivable, | 102,100.00 | | |
| Real Estate, Productive, | 546,391.64 | | |
| Real Estate, Productive, on Fruit Street and vicinity, | 89,172.24 | | |
| Real Estate, Productive, on Floral Place, | 46,794.41 | | |
| Edward Cowles, Superintendent, | 26,853.58 | | |
| John W. Pratt, Resident Physician, | 1,780.65 | | |
| Samuel Cabot Fund, | 70.00 | | |
| Cash, | 23,099.13 | | |
| | $2,911,413.45 | | |
| Redman Fund, | | $455,113.34 | |
| Warren Prize Fund, | | 3,579.92 | $575.11 |
| Bowditch History Fund, | | 2,000.00 | 696.15 |
| Wooden Leg Fund, | | 5,000.00 | 250.19 |
| Clara Barton Annuity, | | 3,241.00 | 385.68 |
| Surgical Instrument Fund, | | 1,350.00 | 1,556.21 |
| Amusement Fund, | | 10,000.00 | |
| Free Beds Fund, | | 650,814.01 | |
| Warren Library Fund, | | 1,000.00 | 699.62 |
| Beneficiaries at Asylum Fund, | | 75,010.00 | |
| Treadwell Library Fund, | | 5,000.00 | 42.42 |
| Lincoln Fund, | | 85,000.00 | |
| Funds with Income Unrestricted, | | 40,000.00 | |
| Permanent Free Beds Fund, | | 11,000.00 | |
| Asylum Building Fund, | | 198,660.83 | |
| G. H. Gay Fund, | | 6,511.08 | |
| Convalescent Fund, | | 138,320.66 | |
| Dr. J. H. Whittemore Memorial Fund, | | 33,720.00 | |
| S. R. Urbino Fund, | | 5,000.00 | |
| Samuel Cabot Fund, | | 1,000.00 | |
| Hibbard Occupation Fund, | | 1,000.00 | 20.00 |
| Redman Annuities, | | 11,600.00 | |
| General Fund, | | 1,153,582.23 | |
| Suspense (see "Reversions"), | | 10.00 | |
| Joy Annuitants, | | 50.00 | |
| Notes Payable, | | 4,500.00 | |
| Subscribers to Free Beds for 1889, | | 5,125.00 | |
| | | $2,907,188.07 | $4,225.38 |
| | | 4,225.38 | |
| | | $2,911,413.45 | |

Property on hand belonging to the Corporation invested as follows: —

INVESTMENTS PRODUCING NO INCOME.

| | | | |
|---|---|---|---|
| Asylum: | Land and Buildings occupied for Asylum, | $320,794.75 | |
| | Superintendent's balance, | 26,853.58 | |
| Hospital: | Land and Buildings occupied for Hospital, | 605,426.54 | |
| | Resident Physician's balance, | 1,780.65 | |
| Convalescent Home: | Land and Buildings at Belmont, | 90,200.51 | |
| | Memorandum of expectancies, | 80.00 | |
| | | | $1.045,136.03 |

INVESTMENTS PRODUCING INCOME.

| | |
|---|---|
| Policies Mass. Hospital Life Ins. Co., | $160,000.00 |
| 500 shares Mass. Hospital Life Ins. Co., | 50,000.00 |
| $50,000 Eastern Railroad Co.'s 6 per cent. Bonds, | 50,000.00 |
| $20,000 Kansas City & Cameron Railroad 10 per cent. Bonds, | 20,000.00 |
| $5,000 Boston & Albany Railroad Co.'s 7 per cent. Bonds, | 5,000.00 |
| $100,000 Chicago, Bur. & Quincy R.R. 7 per cent. Bonds, | 100,000.00 |
| $52.000 Chicago, Bur. & Quincy R.R. 5 per cent. Bonds, | 52,000.00 |
| $11,000 Chicago, Bur. & Quincy R.R. 4 per cent. Bonds, | 11,000.00 |
| $30,000 Chicago, Bur. & Northern R.R. 5 per cent. Bonds, | 30,000.00 |
| $25,000 Chicago, Bur. & Northern R.R. 6 per cent. Bonds, | 25,000.00 |
| $100,000 Atch., Topeka & Santa Fé R.R. 7 per cent. Bonds, | 100,000.00 |
| $100,000 Atch., Top. & Santa Fé R.R. Coll. Tr. 5 per cent. Bonds, | 91,500.00 |
| $50,000 Atch., Top. & Santa Fé R.R. 4 1-2 per cent. Bonds, | 50,000.00 |
| $1,000 Atch., Topeka & Santa Fé R.R. 6 per cent. Bond, | 1,000.00 |
| $40,600 Bur. & Mo. River in Neb. R.R., Non-ex. 6 per cent. Bonds, | 40,600.00 |
| $10,000 Bur. & Mo. River in Neb. R.R., Exempt 6 per cent. Bonds, | 10,000.00 |
| $10,000 Atchison, Topeka & Santa Fé R.R. Land Grant 7 per cent. Bonds, | 10,000.00 |
| $10,000 Kansas City, Topeka & Western R.R. 7 per cent. Bonds, | 10,000.00 |
| $7,000 Cedar Rapids & Mo. River R.R. 7 per cent. Bonds, | 7,000.00 |
| $5,000 Bur., Cedar Rapids & Northern R.R. 5 per cent. Bonds, | 5,000.00 |
| $4,000 Ft. Scott, So. Eastern & Mem. R.R. 7 per cent. Bonds, | 4,000.00 |
| $10,000 Fremont, Elkhorn & Mo. Valley R.R. 6 per cent. Bonds, | 10,000.00 |
| $30,000 Union Pacific R.R. Skg. Fd. 8 per cent. Bonds, | 30,000.00 |
| $16,000 Old Colony Steamboat 6 per cent. Bonds, | 16,000.00 |
| $2,000 City of Providence 5 per cent. Bonds, | 2,000.00 |
| *Amount carried forward,* | $890,100.00 |

| | |
|---|---|
| *Amount brought forward*, | $890,100.00 |
| $6,000 City of Kansas 8 per cent. Bonds, | 6,000.00 |
| $3,000 City of Charlestown 6 per cent. Bonds, | 3,000.00 |
| $1,000 City of Lynn 6 per cent. Bonds, | 1,000.00 |
| $1,000 City of Chelsea 6 per cent. Bonds, | 1,000.00 |
| 100 Shares Old Colony R.R. Co., | 10,000.00 |
| 155 " Boston & Albany R.R. Co., | 15,500.00 |
| 14 " Merrimack Manufacturing Co., | 14,000.00 |
| 1 Share Appleton " " | 1,000.00 |
| 9 Shares Amory " " | 900.00 |
| 14 " Amoskeag " " | 14,000.00 |
| 25 " Great Falls " " | 2,500.00 |
| 5 " Boston " " | 5,000.00 |
| 10 " Stark Mills " " | 10,000.00 |
| 100 " National Union Bank, | 10,000.00 |
| 100 " Suffolk National Bank, | 10,000.00 |
| 70 " Tremont " " | 7,000.00 |
| 25 " Old Boston " " | 2,500.00 |
| 87 " State " " | 8,700.00 |
| 100 " Columbian " " | 10,000.00 |
| 160 " Merchants' " " | 16,000.00 |
| 50 " New England National Bank, | 5,000.00 |
| 40 " Massachusetts " " | 10,000.00 |
| 50 " Eagle " " | 5,000.00 |
| Land and Store, 17 Blackstone Street, | 19,600.00 |
| " " " 168 Washington Street, | 45,000.00 |
| " " House, 61 Dartmouth Street, | 10,000.00 |
| Redman Estate, Washington Street, | 106,000.00 |
| Building on Floral Place, | 46,794.41 |
| Land and Store, 496 Washington Street, | 55,500.00 |
| Land and Houses on Warrenton Street, | 17,700.00 |
| " " " " Chambers Street, | 23,900.00 |
| " " " " Cross Street, | 9,191.64 |
| " " House " Poplar Place, | 2,500.00 |
| Union Block, Union and Marshall Streets, | 66,875.00 |
| Robertson House, Hanover Street, | 40,125.00 |
| Real Estate, Fruit Street and vicinity, | 89,172.24 |
| Land and Buildings on Washington and Kneeland Streets, | 150,000.00 |
| Notes secured by Mortgage, | 102,100.00 |
| Delaware Mutual Ins. Co. Scrip, | 520.00 |
| Cash, | 23,099.13 |
| Investments producing income, | $1,866,277.42 |
| The land and buildings on Washington Street, corner of Kneeland Street, were bought subject to a mortgage of $200,000, due May 26, 1890. | |
| Investments producing no income, | 1,045,136.03 |
| Total, foot of Trial Balance, | $2,911,413.45 |

F. HAVEN, JR., *Treasurer.*

## TABLE OF THE EXPENSES OF THE HOSPITAL AND ASYLUM FOR TWENTY-SEVEN YEARS,—1862 TO 1888.

### ORDINARY EXPENSES.

| Year. | Cost of Paying Patients. | Cost of Free Patients. | Other Charities. | Total Expenses of | | Average cost per week per patient. | | Cost over Board. | |
|---|---|---|---|---|---|---|---|---|---|
| | Hospital. | Hospital. | Hospital. | Hospital. | Asylum. | Hospital. | Asylum. | Hospital. | Asylum. |
| 1862 | $6,628.65 | $35,072.01 | $414.15 | $42,114.81 | $71,823.46 | $6.04 | $7.27 | $36,260.92 | $6,640.81 |
| 1863 | 6,151.27 | 40,575.14 | 695.30 | 47,421.71 | 69,300.63 | 6.66 | 6.98 | 41,109.46 | 2,170.56 |
| 1864 | 10,224,81 | 49,286.53 | 648.21 | 60,159.55 | 101,484.38 | 8.38 | 9.76 | 52,445.01 | 4,523.85 |
| 1865 | 23,119.62 | 34,131.83 | 717.35 | 57,968.80 | 120,885.84 | 9.86 | 12.49 | 43,121.53 | 9,507.86 |
| 1866 | 30,086.08 | 37,538.12 | 1,162 60 | 68,786.80 | 126,015.83 | 13.88 | 12.30 | 53,809.36 | 558.19 |
| 1867 | 26,086.67 | 33,758.02 | 1,164.53 | 61,009.22 | 133,844.14 | 11.28 | 13.84 | 44,291.54 | ..... |
| 1868 | 23,663.50 | 42,481.71 | 1,419.26 | 67,564.47 | 142,535.36 | 12.74 | 16.51 | 52,893.02 | 14,642.07 |
| 1869 | 20,128.86 | 40,736.44 | 1,373.30 | 62,238.60 | 138,132.02 | 10.14 | 14.21 | 48,811.90 | ..... |
| 1870 | 15,844.35 | 46,087.42 | 883.05 | 62,814.82 | 134,339.63 | 10.05 | 13.83 | 50,811.01 | ..... |
| 1871 | 15,266.51 | 47,126.12 | 1,133.74 | 63,526.37 | 146,191.23 | 9.96 | 15.80 | 52,447.68 | 9,996.88 |
| 1872 | 12,664.70 | 56,537.74 | 1,497.86 | 70,700.30 | 153,327.60 | 10.10 | 16.93 | 59,547.91 | 14,917.57 |
| 1873 | 16,681.66 | 69,109.97 | 2,135.29 | 87,926.92 | 165,023.79 | 10.29 | 19.23 | 72,435.94 | 26,404.27 |
| 1874 | 14,198.41 | 64,266.27 | 2,634.60 | 81,099.28 | 161,934.11 | 10.13 | 19.59 | 67,548.81 | 2,750.66 |
| 1875 | 10.677.72 | 71,447.23 | 1,761.59 | 83,886.54 | 165,660.47 | 9.72 | 21.07 | 71,989.93 | 11,872.47 |
| 1876 | 11,344.58 | 82,033.60 | 1,312.94 | 94,691.12 | 164,973.80 | 9.41 | 19.72 | 82,027.86 | 13,019 51 |
| 1877 | 10,833.10 | 72,678.63 | 279.16 | 83,790.89 | 143,148.94 | 9.47 | 15.66 | 72,957.79 | ..... |
| 1878 | 11,252.42 | 85,102.61 | 588.98 | 96,944.01 | 136,394.36 | 9.87 | 15.55 | 83,516.61 | ..... |
| 1879 | 11,564.44 | 77,216.88 | 514.25 | 89,295.57 | 117,250.02 | 10.54 | 14.30 | 73,440.58 | ..... |
| 1880 | 10,529.35 | 81,085.73 | 462.82 | 92,077.90 | 131,172.69 | 10.39 | 16.48 | 79,280.61 | 10,078.33 |
| 1881 | 13,462.12 | 88,241.17 | 450.51 | 102,153.80 | 134,561.14 | 11.87 | 16.92 | 88,268.68 | 20,719.30 |
| 1882 | 12,947.98 | 95,642.45 | 8,928.82* | 117,519.25 | 138,518.26 | 12.43 | 17.02 | 95,684.95 | 18,172.21 |
| 1883 | 18,389.28 | 90,665.70 | 6,575.92* | 115,630 90 | 139,711.39 | 12.63 | 16.16 | 91,213.57 | 5,376.89 |
| 1884 | 21,476.00 | 101,954.31 | 6,873.69* | 130,304.00 | 139,201.67 | 14.75 | 16.00 | 107,974.18 | 2,612.02 |
| 1885 | 10,728.87 | 93,411.59 | 8,483.90* | 112,624.36 | 140,278.86 | 11.99 | 15.72 | 87,464.96 | |
| 1886 | 13,423.09 | 99,054 20 | 10,831.84* | 123.309.13 | 144,374.33 | 12.50 | 15.94 | 96,986.71 | 5,805.42 |
| 1887 | 15,337.90 | 105,543.61 | 9,856.94* | 130,738.45 | 139,497.70 | 12.56 | 16.35 | 105,012.17 | 15,049.93 |
| 1888 | 15,594.88 | 119,634.59 | 10,785.86* | 146,015.33 | 139,178.98 | 13.47 | 15.98 | 112,220.05 | 7,788.28 |
| 27 years, . . . . . | | | | | | | | $1,923,572.74 | $202,607.08 |

* Including Convalescent Home.

# Annual Report of the Resident Physician

of the

# Massachusetts General Hospital

**For the Year 1888.**

---

**Number of Patients in the Hospital January 1, 1889.**

| | |
|---|---|
| Paying, | 17 |
| Free, | 182 |
| Total, | 199 |

**Admitted from January 1, 1888, to January 1, 1889.**

| | *Males.* | *Females.* | *Total.* |
|---|---|---|---|
| Patients paying board, | 362 | 191 | 553 |
| Patients paying board part of the time, | 103 | 51 | 154 |
| Patients entirely free, | 1,453 | 1,096 | 2,549 |
| | 1,918 | 1,338 | 3,256 |

| | *Medical.* | *Surgical.* |
|---|---|---|
| Males (Boys), 125, | 650 | 1,268 |
| Females (Girls), 64, | 635 | 703 |
| Children (2), 41, | | |
| | 1,285 | 1,971 |

Of these, 1 paid $56; 1 paid $50; 63 paid $35; 29 paid $21; 201 paid $14; 7 paid $10.50; 6 paid $10; 273 paid $7; 1 paid $6; 19 paid $5; 3 paid $3.50; 2 paid $3.00.

Whole number of patients treated during the year: paying, 570; paying a part of the time, 154; free, 2,731; total, 3,455.

Discharged during the Year.

| | *Medical.* | *Surgical.* | *Male.* | *Female.* | *Total* |
|---|---|---|---|---|---|
| Well, | 703 | 1,318 | 1,212 | 809 | 2,021 |
| Much relieved, | 135 | 138 | 149 | 124 | 273 |
| Relieved, | 174 | 193 | 189 | 178 | 367 |
| Not relieved, | 53 | 47 | 57 | 43 | 100 |
| Not treated, | 51 | 159 | 107 | 103 | 210 |
| Dead, | 136 | 141 | 191 | 86 | 277 |
| Insane and eloped, | 4 | 6 | 8 | 2 | 10 |
| | 1,256 | 2,002 | 1,913 | 1,345 | 3,258 |

Number of Patients remaining December 31, 1888.

| | |
|---|---|
| Males, | 115 |
| Females, | 84 |
| Total, | 199 |
| Paying, | 17 |
| Free, | 182 |
| Total, | 199 |
| Medical, | 80 |
| Surgical, | 119 |
| Total, | 199 |

Proportion of deaths to whole number of results, 8.50 per cent.

Number of patients received on account of accidents, 496.

The greatest number of paying patients at any one time was 42; in private rooms, 8; the greatest number of free patients, 194; the greatest total, 215. The least number of paying patients at any one time was 14; in private rooms, 3; the least free, 113; the least total, 156.

The proportion of ward beds occupied by free patients was 80 per cent.; by paying patients, 20 per cent.

About 16.4 of the paying patients occupied private

rooms. The average number of patients was 193: males, 114; females, 79.

The average number of paying patients was 23: Americans, 15; foreigners, 8.

The average number in private rooms was 6.

The average number of free patients was 170: Americans, 80; foreigners, 90.

The average time of paying patients was 2.16 weeks; and that of free patients, 3.46.

Residences.

| | |
|---|---|
| Boston, | 1,107 |
| Massachusetts (excepting Boston), | 1,850 |
| Maine, | 45 |
| New Hampshire and Vermont, | 94 |
| Rhode Island and Connecticut, | 41 |
| Other States, | 57 |
| British Provinces, | 62 |
| | 3,256 |

Birthplaces.

| | |
|---|---|
| Boston, | 216 |
| Massachusetts (excepting Boston), | 916 |
| Maine, | 172 |
| New Hampshire, | 106 |
| Vermont, | 61 |
| Rhode Island and Connecticut, | 57 |
| New York, | 54 |
| Southern and Western States, | 68 |
| Total Americans, | 1,650 |
| British Provinces, | 347 |
| Great Britain, | 205 |
| Ireland, | 857 |
| Germany, | 45 |
| Norway and Sweden, | 55 |
| France, | 39 |
| Switzerland, | 3 |
| Italy, | 22 |
| Other places, | 33 |
| Total foreigners, | 1,606 |

Occupations.

| *Males.* | *Paying.* | *Free.* | *Partial.* |
|---|---|---|---|
| Mechanics, | 79 | 326 | 32 |
| Laborers, | 25 | 400 | 23 |
| Farmers, | 36 | 70 | 7 |
| Minors, | 14 | 120 | 10 |
| Seamen, | 12 | 62 | 8 |
| Clerks, | 55 | 98 | 4 |
| Teamsters, | 20 | 68 | 6 |
| Traders, | 19 | 76 | 10 |
| Servants, | 4 | 88 | 3 |
| Lawyers, | 11 | 2 | |
| Clergymen, | 5 | 5 | |
| Physicians, | 8 | 8 | |
| Merchants, | 48 | 23 | |
| Students, | 13 | 43 | |
| Other professions, | 13 | 64 | |
| | 362 | 1,453 | 103 |

Total males, 1,918. Of these, 63 were in private rooms.

| *Females.* | *Paying.* | *Free.* | *Partial.* |
|---|---|---|---|
| Domestics, | 15 | 341 | 11 |
| Minors, | 9 | 78 | 6 |
| Wives, | 118 | 388 | 30 |
| Widows, | 24 | 88 | 4 |
| Seamstresses, | 1 | 43 | |
| Spinsters, | 12 | 31 | |
| Operatives, | | 14 | |
| Teachers, | 1 | 14 | |
| Clerks, | 3 | 14 | |
| Nurses, | 2 | 33 | |
| Other professions, | 6 | 52 | |
| | 191 | 1,096 | 51 |

Total females, 1,338. Of these, 28 were in private rooms.

13 per cent. of the free patients were female domestics; 15 per cent. were laborers; 12 per cent. were mechanics; and 7 per cent. were minors.

Admissions Refused.

| | |
|---|---|
| Phthisis (Consumption), | 13 |
| Chronic Ulcers, | 8 |
| Scrofula and Abscesses, | 2 |
| Hip and Spine, | 12 |
| Debility and Senility, | 7 |
| Paralysis, | 13 |
| Epilepsy, | 3 |
| Of Skin, | 7 |
| Other diseases, | 18 |
| Total, | 83 |

| | |
|---|---|
| Males, | 51 |
| Females, | 32 |
| Americans, | 53 |
| Foreigners, | 30 |
| Residents of Boston, | 22 |
| Residents of Massachusetts, | 39 |
| Residents of other places, | 22 |

Out-patients.

| | |
|---|---|
| Number of new patients, | 19,472 |
| Men, | 8,041 |
| Women, | 7,460 |
| Children, | 3,971 |
| Americans, | 10,082 |
| Foreigners, | 9,390 |
| Residents of Boston, | 10,801 |
| Of other places, | 8,671 |
| Medical department for women, | 4,162 |
| Medical department for men and children, | 4,300 |
| Surgical department, | 6,265 |
| Ophthalmic department, | 591 |
| Department for diseases of the skin, | 1,908 |
| Department for diseases of the nervous system, | 807 |
| Department for diseases of the throat, | 1,439 |

Total attendance, 50,073.

Average daily attendance, 160.

## Of the surgical cases there were: —

| | |
|---|---|
| Head and face, | 427 |
| Abscesses and Inflamed Glands, | 569 |
| Fractures of clavicle, | 89 |
| Trunk, | 216 |
| Shoulder joint and humerus, | 253 |
| Elbow, | 164 |
| Forearm and wrist, | 429 |
| Hand, | 903 |
| Felons, | 301 |
| Thigh, leg, ankle, foot, | 635 |
| Knee, | 283 |
| Genito-urinary, | 624 |
| Disease of rectum, | 205 |
| Hernia, | 72 |
| Tumors, malignant, | 156 |
| Tumors, benignant, | 125 |
| Bones and Periosteum, | 161 |
| Ulcers, | 173 |
| Rheumatism and Neuralgia, | 96 |
| Burns and Miscellaneous, | 384 |
| Total, | 6,265 |

| | |
|---|---|
| Number of applicants, | 16,021 |
| Number admitted, | 14,754 |
| Number refused, | 429 |
| Number sent to physician's office, | 838 |
| Number visited, | 1,203 |
| Number visited, correct statement, | 723 |
| Number visited, incorrect statement, | 480 |

Convalescent Home:—

| | |
|---|---|
| Admitted to the Home in 1883, | 101 |
| Admitted to the Home in 1884, | 187 |
| Admitted to the Home in 1885, | 315 |
| Admitted to the Home in 1886, | 295 |
| Admitted to the Home in 1887, | 308 |

| | *Males.* | *Females.* | *Total.* |
|---|---|---|---|
| Remaining Jan. 1, 1888, | 8 | 8 | 16 |
| Admitted during 1888, | 224 | 173 | 397 |
| Total, | 232 | 181 | 413 |
| Discharged, | 220 | 174 | 394 |
| Remaining Jan. 1, 1889, | 12 | 7 | 19 |

The Young Men's Christian Union gave us forty-four rides, taking out one hundred and seventy-six patients.

Respectfully submitted,

JOHN W. PRATT,
*Resident Physician.*

Boston, Jan. 1, 1889.

TABLE SHOWING THE COST OF THE PRINCIPAL STORES AT THE MASSACHUSETTS GENERAL HOSPITAL.

| Articles. | 1880. | | | 1881. | | | 1882. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. |
| Beef, Sirloin, lbs. | 8,815 | $1,692.99 | .1941 | 8,658 | $1,792.20 | .207 | 7,856 | $1,931.95 | .245 |
| " for Soup, " | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| " Corned, " | 4,952 | 346.64 | .07 | 5,183 | 367.99 | .07 | 6,522 | 673.76 | .103 |
| " Round, " | 16,414 | 1,148.98 | .07 | 19,477 | 1,636.06 | .084 | 19,705 | 1,976.68 | .103 |
| " Rump, " | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| " Roasting, " | 16,439 | 1,643.90 | .10 | 16,438 | 1,758.86 | .107 | 16,221 | 2,159.07 | .133 |
| Mutton, . . " | 15,522 | 1,876.60 | .1208 | 21,093 | 2,720.99 | .129 | 16,365 | 2,216.01 | .135 |
| Poultry, . . " | 13,682 | 2,123.44 | .1552 | 13,562 | 2,278.41 | .168 | 12,082 | 2,348.41 | .195 |
| Butter, . . . " | 11,011 | 3,366.06 | .3057 | 11,129 | 3,505.63 | .315 | 16,843 | 3,770.97 | .221 |
| Eggs, . . doz. | 4,214 | 866.39 | .2056 | 4,401 | 1,188.27 | .26 | 5,234 | 1,470.59 | .281 |
| Flour, . . bbls. | 51 | 440.15 | 8.65 | 49 | 468.73 | 9.565 | 49 | 459.25 | 9.937 |
| Bread, . . lbs. | 40,536 | 2,026.80 | .05 | 4,892 | 1,744.60 | .05 | 35,340 | 1,943.70 | .055 |
| Ice, . . . tons. | 280¼ | 1,297.56 | 4.63 | 305 | 887.55 | 2.91 | 352¾ | 737.72 | 2.209 |
| Sugar, . . lbs. | 21,005 | 2,003.87 | .0954 | 20,552 | 1,901.06 | .09 | 22,192 | 2,021.57 | .091 |
| Tea, . . . lbs. | 1,134½ | 471.95 | .416 | 555 | 244.22 | .44 | 1,114 | 446.85 | .401 |
| Milk, . . . qts. | 89,904½ | 4,495.22½ | .05 | 92,350 | 4,617.50 | .05 | 95,358 | 5,007.70 | .052 |
| Potatoes, . bush. | 1,039½ | 902.58 | .868 | 981 | 1,101.66 | 1.125 | 1,005 | 1,374.72 | 1.368 |

| Articles. | 1883. | | | 1884. | | | 1885. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. |
| Beef, Sirloin, lbs. | 8,793 | $1,975.38 | .224 | 8,845½ | $2,183.64 | .246 | 9,543 | $2,160.12 | .226 |
| " for Soup, " | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| " Corned, " | 6,925½ | 670.88 | .095 | 6,487 | 583.08 | .09 | 6,345 | 561.45 | .088 |
| " Round, " | 22,327 | 2,120.83 | .095 | 25,821 | 2,531.60 | .098 | 25,140 | 2,220.83 | .08 |
| " Rump, " | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| " Roasting, " | 16,962 | 2,047.78 | .120 | 16,438 | 2,003.44 | .121 | 17,220 | 1,936.58 | .112 |
| Mutton, . . " | 21,075 | 2,999.89 | .142 | 15,186½ | 2,102.29 | .138 | 13,189 | 1,585.60 | .12 |
| Poultry, . . " | 10,263 | 2,318.56 | .225 | 12,798 | 2,523.79 | .197 | 12,149 | 2,256.88 | .185 |
| Butter, . . . " | 10,468 | 3,329.97 | .317 | 11,321 | 3,636.60 | .32 | 11,447 | 3,368.27 | .294 |
| Eggs, . . doz. | 5,479 | 1,491.60 | .272 | 8,374 | 2,182.67 | .26 | 9,433 | 2,328.48 | .25 |
| Flour, . . bbls. | 52 | 406.00 | 7.80 | 53 | 383.25 | 7.23 | 55 | 341.85 | 6.21 |
| Bread, . . lbs. | 34,971 | 1,923.42 | .055 | 36,245 | 1,992.48 | .054 | 36,685 | 2,017.67 | .055 |
| Ice, . . . tons. | 380$\frac{1}{10}$ | 679.27 | 1.78 | 407.55 | 773.20 | 1.89 | 433.65 | 966.57 | 2.22 |
| Sugar, . . lbs. | 20,980 | 1,801.38 | .086 | 22,474 | 1,563.49 | .069 | 21,245 | 1,288.65 | .06 |
| Tea, . . . lbs. | 1,074 | 432.60 | .402 | 1,080 | 435.85 | .403 | 853 | 341.70 | .40 |
| Milk, . . . qts. | 106,032 | 5,637.78 | .053 | 111,068½ | 5,907.26 | .053 | 110,332 | 5,943.84 | .053 |
| Potatoes, . bush. | 1,062½ | 1,129.15 | 1.063 | 1,195 | 1,005.25 | .917 | 1,158 | 1,001.25 | .942 |

| Articles. | 1886. | | | 1887. | | | 1888. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. |
| Beef, Sirloin, lbs. | 9,764 | $2,206.32 | .225 | 9,516 | $1,972.84 | .20 | 10,224 | $2,394.77 | .23 |
| " Corned, " | 6,216 | 493.61 | .08 | 6,051 | 423.57 | .07 | 6,019 | 421.33 | .07 |
| " Round, " | 28,474 | 2,456.05 | .088 | 29,957 | 2,310.12 | .077 | 31,966 | 2,624.93 | .08 |
| " Rump, " | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| " Roasting, " | 18,346 | 1,972.72 | .10 | 18,928 | 1,652.59 | .08 | 18,054 | 1,831.18 | .10 |
| Mutton, . . " | 11,721 | 1,536.20 | .12 | 12,900 | 1,357.82 | .11 | 11,775 | 1,472.68 | .125 |
| Poultry, . . " | 13,704 | 2,286.25 | .16 | 14,997 | 2,390.26 | .15 | 14,242 | 2,321.90 | .16 |
| Butter, . . " | 12,122 | 3,576.20 | .294 | 12,848 | 3,761.27 | .29 | 13,103 | 3,897.19 | .29 |
| Eggs, . . doz. | 8,971 | 2,091.22 | .25 | 9,654 | 2,460.78 | .27 | 11,201 | 3,060.25 | .273 |
| Flour, . . bbls. | 55 | 316.55 | 5.75 | 55 | 304.10 | 5.56 | 64 | 390.75 | 6.10 |
| Bread, . . lbs. | 35,688 | 1,962.83 | .055 | 40,353 | 2,219.40 | .055 | 37,270 | 2,049.87 | .055 |
| Ice, . . . tons. | 487.52 | 1,123.21 | 2 30 | 512.15 | 1,177.25 | 2.30 | 433.98 | 1,060.98 | 2.44 |
| Sugar, . . lbs. | 23,042 | 1,357.59 | .055 | 22,604 | 1,385.12 | .06 | 23,563 | 1,717.13 | .07 |
| Tea, . . . lbs. | 1,205 | 482.00 | .40 | 1,265 | 495.44 | .39 | 1,859 | 733.24 | .40 |
| Milk, . . . qts. | 113,669 | 6,054 88 | .052 | 134,232 | 7,150.11 | .052 | 144,823 | 7,704.16 | .053 |
| Potatoes, . bush. | 1,100 | 1,021.77 | .928 | 1,215 | 1,352.92 | 1.11 | 1,080 | 1,098.30 | 1.01 |

# TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE MASSACHUSETTS GENERAL HOSPITAL, FROM SEPTEMBER 3, 1821, TO DECEMBER 31, 1888.

| Year. | Total admitted. | Whole number treated. Free. | Paying board all the time. | Paying part of the time. | Paying board. | Paying board part of time. | Free. | Discharged well. | Percentage on "Total admitted." | Much relieved, or relieved in part. | Not relieved. | Not treated, unfit, dismissed, etc. | Deaths. | Percentage on "Total admitted." | Greatest number free at one time. | Greatest number paying at one time. | Greatest total. | Least total. | Average. | Accidents. | Percentage. | Average time of paying weeks. | Average time of free weeks. | Patients remaining under treatment Dec. 31. Paying. | Free. | Out-patients treated. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21 to 1843 | 8727 | 3733 | 4482 | 512 | .... | .... | .... | 3991 | .... | 2902 | 913 | 105 | 624 | ..... | .... | .... | 123 | 54 | | | | | | | | |
| 1843 | 365 | 183 | 167 | 15 | .... | .... | .... | 136 | 37 | 115 | 55 | 17 | 41 | 11 | .... | ... | 56 | 33 | 47* | .... | ..... | 4 | 6 | | | |
| 1844 | 435 | 250 | 174 | 11 | .... | .... | .... | 183 | 43 | 137 | 41 | 23 | 47 | 11 | .... | 30 | 71 | 40 | 53 | 55 | 12* | 3 6-7 | 7 1-7 | | | |
| 1845 | 453 | 265 | 176 | 12 | .... | ... | .... | 205 | 45 | 130 | 37 | 28 | 54 | 12 | 44 | 34 | 72 | 37 | 56 | 62 | 14 | 5 4-7 | 6 6-7 | | | |
| 1846 | 459 | 250 | 182 | 27 | .... | .... | .... | 211 | 46 | 137 | 30 | 33 | 36 | 8 | 44 | 28 | 72 | 37 | 55 | 59 | 13 | 3 1-2 | 4 3-4 | | | |
| 1847 | 674 | 354 | 279 | 41 | .... | .... | .... | 340 | 50 | 145 | 54 | 30 | 57 | 8 | 82 | 41 | 123 | 54 | 81 | 74 | 11 | 3 1-2 | 4 1-2 | ..... | ..... | 328 |
| 1848 | 804 | 460 | 283 | 61 | .... | .... | .... | 400 | 50 | 219 | 52 | 39 | 103 | 13 | 86 | 38 | 124 | 94 | 108 | 103 | 12* | 3 1-7 | 5 | ..... | ..... | 378 |
| 1849 | 870 | 543 | 273 | 54 | .... | .... | .... | 436 | 50 | 218 | 75 | 58 | 84 | 9 | 89 | 38 | 127 | 90 | 112 | 97 | 11 | 2 4-7 | 5 5-7 | ..... | ..... | 272 |
| 1850 | 746 | 427 | 242 | 77 | .... | .... | .... | 363 | 48 | 200 | 56 | 49 | 76 | 10 | 103 | 33 | 136 | 83 | 108 | 98 | 13 | 2 6-7 | 6 | ..... | ..... | 294 |
| 1851 | 839 | 477 | 298 | 64 | .... | .... | .... | 387 | 46 | 235 | 47 | 63 | 98 | 11 | 93 | 48 | 141 | 77 | 112 | 123 | 15 | 3 | 6 | ..... | ..... | 237 |
| 1852 | 826 | 472 | 271 | 83 | .... | .... | ... | 410 | 50 | 234 | 52 | 47 | 82 | 10 | 105 | 41 | 133 | 104 | 119 | 132 | 16 | 3 1-4 | 5 | ..... | ..... | 248 |
| 1853 | 925 | 505 | 335 | 85 | .... | .... | .... | 431 | 46 | 287 | 70 | 66 | 82 | 9 | 108 | 39 | 142 | 108 | 120 | 159 | 17 | 3 1-6 | 7 | ..... | ..... | 358 |
| 1854 | 922 | 490 | 321 | 111 | .... | .... | .... | 423 | 46 | 257 | 73 | 41 | 115 | 12 | 112 | 45 | 145 | 125 | 133 | 212 | 23 | 4 | 10 | ..... | ..... | 477 |
| 1855 | 915 | 416 | 352 | 147 | .... | .... | .... | 456 | 50 | 238 | 59 | 51 | 102 | 11 | 107 | 59 | 152 | 114 | 134 | 157 | 17 3-10 | 3 3-7 | 11 4-7 | ..... | ..... | 645 |
| 1856 | 976 | 545 | 335 | 96 | .... | .... | .... | 478 | 49 | 230 | 77 | 71 | 117 | 12 | 114 | 48 | 153 | 120 | 140 | 189 | 19 | 3 | 5 | ..... | ..... | 887 |
| 1857 | 920 | 549 | 280 | 91 | .... | .... | .... | 510 | 55 | 195 | 57 | 66 | 130 | 14 | 119 | 40 | 157 | 103 | 128 | 163 | 17 7-10 | 2 2-3 | 5 | ..... | ..... | 1574 |
| 1858 | 1015 | 718 | 251 | 46 | .... | .... | .... | 514 | 50 | 229 | 65 | 50 | 127 | 13 | 120 | 31 | 144 | 91 | 123 | 186 | 18* | 4 | 7* | ..... | ..... | 2223 |
| 1859 | 1240 | 934 | 257 | 49 | 287 | 49 | 1040 | 653 | 53 | 280 | 54 | 94 | 141 | 11 | 145 | 37 | 165 | 92 | 131 | 212 | 17 | 4 | 4 2-3 | 14 | 140 | 3523 |
| 1860 | 1240 | 997 | 201 | 42 | 215 | 42 | 1137 | 698 | 56 | 305 | 73 | 58 | 121 | 9¾ | 149 | 33 | 175 | 80 | 128 | 233 | 18 7-10 | 4 | 6 | 15 | 121 | 4433 |
| 1861 | 1416 | 1131 | 253 | 32 | 268 | 32 | 1252 | 831 | 59 | 318 | 79 | 57 | 99 | 7 | 135 | 37 | 162 | 120 | 140 | 297 | 21 | 4 | 5 3-4 | 16 | 124 | 4676 |
| 1862 | 1611 | 1175 | 425 | 11 | 441 | 11 | 1299 | 843 | 52 | 431 | 77 | 154 | 101 | 6¼ | 133 | 45 | 166 | 102 | 134 | 271 | 16 3-4 | 2 1-10 | 4 1-10 | 25 | 120 | 4800 |
| 1863 | 1648 | 1348 | 283 | 17 | 308 | 17 | 1468 | 856 | 52 | 459 | 96 | 70 | 162 | 9¾ | 135 | 29 | 158 | 116 | 137 | 292 | 17 7-10 | 3 4-10 | 4 | 24 | 126 | 4987 |
| 1864 | 1199 | 1262 | 326 | 11 | 350 | 11 | 1388 | 916 | 57 | 390 | 84 | 61 | 130 | 8 | 139 | 33 | 157 | 110 | 138 | 242 | 15 2-10 | 3.18 | 4.37 | 25 | 123 | 5619 |
| 1865 | 1199 | 564 | 567 | 68 | 592 | 68 | 687 | 702 | 59 | 295 | 68 | 74 | 104 | 8½ | 137 | 72 | 164 | 88 | 113 | 140 | 11 7-10 | 3.67 | 4.85 | 45 | 59 | 5356 |
| 1866 | 1120 | 497 | 578 | 45 | 693 | 45 | 556 | 677 | 60 | 82 | 50 | 74 | 96 | 8½ | 62 | 58 | 109 | 78 | 95 | 132 | 11 7-10 | 3.40 | 5.10 | 45 | 50 | 5608 |
| 1867 | 1206 | 626 | 556 | 24 | 601 | 24 | 676 | 676 | 56 | 282 | 62 | 141 | 94 | 7.8 | 77 | 62 | 126 | 72 | 104 | 113 | 9.36 | 3.37 | 4.26 | 39 | 69 | 4553 |
| 1868 | 1265 | 771 | 463 | 31 | 302 | 31 | 840 | 757 | 60 | 258 | 64 | 82 | 85 | 7 | 97 | 56 | 132 | 69 | 102 | 98 | 7.74 | 3.00 | 3.50 | 31 | 96 | 5264 |
| 1869 | 1390 | 834 | 532 | 24 | 563 | 24 | 930 | 771 | 55½ | 352 | 78 | 84 | 107 | 7.7 | 98 | 55 | 139 | 90 | 118 | 93 | 6.69 | 3.40 | 4.30 | 25 | 100 | 6953 |
| 1870 | 1302 | 858 | 414 | 30 | 439 | 30 | 958 | 780 | 60 | 303 | 65 | 68 | 85 | 6.45 | 106 | 45 | 137 | 98 | 120 | 140 | ..... | 3.37 | 4.82 | 24 | 86 | 8767 |
| 1871 | 1427 | 970 | 432 | 25 | 456 | 25 | 1056 | 821 | 57½ | 322 | 58 | 73 | 109 | 7.64 | 126 | 43 | 154 | 91 | 122 | 178 | ..... | 3.12 | 3.92 | 28 | 126 | 9792 |
| 1872 | 1547 | 1163 | 368 | 16 | 396 | 16 | 1289 | 958 | 62 | 313 | 76 | 84 | 120 | 7.75 | 133 | 42 | 160 | 97 | 135 | 259 | ..... | 3.15 | 4.35 | 30 | 120 | 11878 |
| 1873 | 1550 | 1075 | 411 | 64 | 441 | 64 | 1195 | 880 | 57 | 321 | 66 | 86 | 186 | 12 | 156 | 44 | 187 | 129 | 156 | 291 | ..... | 3.28 | 6.09 | 35 | 126 | 13517 |
| 1874 | 1639 | 1125 | 394 | 120 | 429 | 120 | 1251 | 946 | 57½ | 396 | 81 | 102 | 127 | 7.69 | 146 | 41 | 183 | 111 | 149 | 234 | ..... | 2.73 | 5.64 | 28 | 120 | 15612 |
| 1875 | 1841 | 1445 | 308 | 88 | 336 | 88 | 1565 | 1032 | 56 | 380 | 78 | 120 | 189 | 10.27 | 176 | 31 | 199 | 132 | 166 | 285 | ..... | 2.82 | 5.18 | 26 | 164 | 16993 |
| 1876 | 1906 | 1532 | 282 | 92 | 308 | 92 | 1696 | 1019 | 53½ | 502 | 91 | 144 | 150 | 7.86 | 182 | 36 | 210 | 163 | 185 | 245 | ..... | 3.22 | 5.73 | 19 | 171 | 17292 |
| 1877 | 1657 | 1270 | 339 | 48 | 358 | 42 | 1441 | 930 | 50 | 409 | 92 | 130 | 130 | 7.68 | 178 | 33 | 194 | 135 | 164 | 147 | ..... | 2.84 | 5.54 | 11 | 145 | 18004 |
| 1878 | 1794 | 1433 | 323 | 38 | 334 | 38 | 1578 | 956 | 50 | 505 | 59 | 138 | 134 | 7.46 | 170 | 34 | 187 | 132 | 165 | 200 | ..... | 2.80 | 5.27 | 17 | 141 | 18744 |
| 1879 | 1813 | 1436 | 335 | 42 | 352 | 42 | 1577 | 1040 | 57 | 422 | 84 | 125 | 143 | 7.94 | 165 | 30 | 188 | 131 | 163 | 222 | ..... | 2.84 | 5.16 | 17 | 140 | 18960 |
| 1880 | 2123 | 1724 | 354 | 45 | 371 | 45 | 1864 | 1186 | 54 | 545 | 74 | 150 | 151 | 7.16 | 165 | 35 | 188 | 156 | 170 | 351 | ..... | 2.58 | 4.53 | 17 | 157 | 20566 |
| 1881 | 2106 | 1678 | 402 | 26 | 419 | 26 | 1835 | 1324 | 62 | 429 | 70 | 103 | 189 | 8.96 | 168 | 39 | 195 | 139 | 166 | 391 | ..... | 2.79 | 4.41 | 15 | 140 | 18443 |
| 1882 | 2147 | 1736 | 399 | 12 | 414 | 12 | 1876 | 1312 | 61 | 463 | 59 | 13 | 177 | 8.13 | 167 | 35 | 195 | 143 | 168 | 348 | ..... | 2.84 | 4.41 | 24 | 141 | 16304 |
| 1883 | 2020 | 1492 | 449 | 79 | 473 | 79 | 1633 | 1286 | 63 | 378 | 61 | 108 | 181 | 8.93 | 168 | 49 | 189 | 143 | 168 | 432 | ..... | 2.75 | 4.80 | 32 | 128 | 7102* |
| 1884 | 2096 | 1667 | 382 | 47 | 448 | 47 | 1815 | 1318 | 62 | 367 | 68 | 137 | 191 | 9.11 | 159 | 40 | 186 | 129 | 165 | 397 | ..... | 3 | 4.14 | 19 | 148 | 14824 |
| 1885 | 2327 | 1910 | 371 | 46 | 382 | 46 | 2044 | 1584 | 68 | 361 | 73 | 129 | 192 | 8.25 | 166 | 26 | 184 | 147 | 167 | 443 | ..... | 2.38 | 4.08 | 11 | 134 | 17016 |
| 1886 | 2580 | 2124 | 392 | 64 | 409 | 64 | 2283 | 1689 | 65 | 411 | 64 | 175 | 192 | 7.44 | 178 | 30 | 206 | 133 | 173 | 471 | ..... | 2.78 | 3.72 | 17 | 159 | 17925 |
| 1887 | 2814 | 2340 | 429 | 45 | 447 | 45 | 2523 | 1694 | 60 | 565 | 89 | 173 | 245 | 8.70 | 196 | 40 | 217 | 150 | 185 | 490 | ..... | 2.90 | 3.57 | 18 | 183 | 18981 |
| 1888 | 3256 | 2549 | 553 | 154 | 570 | 154 | 2731 | 2021 | 61 | 640 | 100 | 210 | 277 | 8.50 | 194 | 42 | 215 | 156 | 193 | 496 | ..... | 2.16 | 3.46 | 17 | 182 | 19472 |
| | 73750 | | | | | | | 31030 | | 17592 | 4006 | 4149 | 6283 | | | | | | | | | | | | | 365885 |

77169 33064 18261 4116 4449 6568 Out-patients Department 38888 27

## MASSACHUSETTS GENERAL HOSPITAL.

The Massachusetts General Hospital is a private, not a public institution.

Applications for admission of patients must be made at the Hospital on Blossom Street, Boston, on week-days, between the hours of 9 and 11 A.M. and 2 and 3 P.M.

Recent accidents admitted at all hours.

Out-patients received between 9 and 10 A.M., week-days only.

Applications from a distance must be made in writing, accompanied by a full description of the case by the attending physician, and, when a Free Bed is desired, by a statement of the pecuniary condition of the patient, and wait for a reply before sending the patient.

Contagious and chronic diseases are not admitted.

Regular charges to paying patients are as follows: in the Jackson Ward (private), $50 per week; in small room in the Townsend and Bigelow Wards, $25 per week; in the General Wards, $10 per week. These rates, covering only expenses of board and lodging, may be increased or abated in individual cases by the Resident Physician.

JOHN W. PRATT,
*Resident Physician.*

## THE AMBULANCE

OF THE

## MASSACHUSETTS GENERAL HOSPITAL,

Accompanied by a medical officer, will be despatched to any point within the city proper for the conveyance of cases of *accident* or *urgent sudden sickness, not contagious*, to this Hospital, or elsewhere, upon notice from a physician, the police, or other responsible source, subject to the approval of the undersigned.

In cases requiring gratuitous treatment, no charge will be made.

By order of the Board of Trustees.

JOHN W. PRATT,
*Resident Physician,*
*Mass. Gen. Hospital, Blossom St.*

# SEVENTY-FIRST ANNUAL REPORT

OF THE

# SUPERINTENDENT OF THE McLEAN ASYLUM FOR THE INSANE,

TO THE

# TRUSTEES OF THE MASS. GENERAL HOSPITAL,

**For the Year 1888.**

---

TO THE TRUSTEES OF THE MASSACHUSETTS GENERAL HOSPITAL:

*Gentlemen*, — The following report, with tabular statements relating to the number and condition of the patients treated in the Asylum during the year 1888, is respectfully presented: —

## TABLE No. 1.

GENERAL STATISTICS OF THE YEAR.

| | Males. | Females. | Total. |
|---|---|---|---|
| Patients in the Asylum, Jan. 1, 1888, . . . | 74 | 90 | 164 |
| Admissions within the year, . . . . . | 47 | 58 | 105 |
| Whole number of *cases* within the year, . . | 121 | 148 | 269 |
| Discharged within the year, . . . . . | 45 | 58 | 103 |
| Namely,— as Recovered, . . . . . | 16 | 26 | 42 |
| Much improved, . . . . . | 6 | 7 | 13 |
| Improved, . . . . . | 3 | 5 | 8 |
| Unimproved, . . . . . | 7 | 10 | 17 |
| Deaths, . . . . . | 13 | 10 | 23 |
| Patients remaining Dec. 31, 1888, supported as private patients, . . . . | 76 | 90 | 166 |
| Number of different *persons* within the year, | 119 | 145 | 264 |
| " " " " admitted, . . | 46 | 56 | 102 |
| " " " " recovered, . . | 17 | 25 | 42 |
| Daily average number of patients, . . . . | 76.44 | 88.17 | 164.61 |

During the year one man and two women were twice admitted. One woman present at the beginning of the year was discharged and readmitted; and one man was discharged, readmitted, and discharged. Thus there were two hundred and sixty-nine cases treated, representing two hundred and sixty-four persons.

Of the one hundred and two persons admitted during the year, sixty-four were regarded as recent cases, and thirty-eight as chronic, or incurable.

Seventy-nine persons, thirty-eight men and forty-one women, had never been in any hospital. Of the remaining twenty-three persons, ten, four men and six women, were admitted for the second time; five persons, two men and three women, for the third time; four persons, one man and three women, for the fourth time; three persons, one man and two women, for the sixth time; one woman for the seventh time; and one woman for the thirteenth time.

Thirty-five cases — representing thirty-four persons, eleven men and twenty-three women — were admitted as voluntary patients upon their own written applications. Of these, eighteen were cases of melancholia, eight of mania, one of "fixed ideas," three of delusional insanity, two of senile insanity, one of secondary dementia, and one of general paralysis. Of these thirty-four persons, three were committed after entering the Asylum as voluntary cases, and one was twice admitted as a voluntary case. The thirty-five voluntary cases admitted during the year furnished eight recoveries; and twenty-seven such cases remaining from previous years furnished six other recoveries during this year, making a total of fourteen recoveries out of sixty-two cases,— the total number of this class under treatment during the year. Thus, the voluntary patients have yielded 40 per cent. of recov-

eries on the admissions of that class for 1888. Of this class admitted during the year, six other cases were discharged improved or much improved, eight not improved, and one dead. Of these thirty-five cases admitted in 1888 there were remaining, at the end of the year, eighteen persons, three men and fifteen women; and eleven persons, six men and five women, also remained from the admissions of previous years, so that the total remaining under the voluntary relation is twenty-nine persons, nine men and twenty women.

The number of persons admitted as voluntary patients under the present law is as follows: namely, 1881, 1; 1882, 11; 1883, 33; 1884, 49; 1885, 34; 1886, 29; 1887, 29; 1888, 34,— a total of 220 persons in eight years.

In 1888 there were thirty more admissions, twenty-five more discharges, and twenty-seven more cases under treatment than during the year 1887; and the number present was two more at the end than at the beginning of the year.

Of the one hundred and two persons discharged, including deaths, ten, four men and six women, were transferred to other hospitals in this State, and two women to hospitals in other States.

Of the forty-two persons discharged recovered, thirty-three had never before been inmates of any hospital; and, of the remaining nine persons, six had been in this Asylum, two in Boston Lunatic Hospital, and one in a foreign asylum. These nine persons had previously made twenty-nine recoveries.

The average duration of illness from the beginning of attack in all cases recovered was 14.55 months, and the average duration of their residence in the Asylum was 8.77 months.

The percentage of recoveries on all admissions,

for the year 1888, was 40. There were sixteen more recoveries than in the previous year, and the proportion of recent cases to the admissions was not more than in five of the nine preceding years. There were twenty-three deaths, six more than last year.

The work of the year, as to the numbers admitted, discharged, and recovered, and the daily average under treatment, was much more than that of last year. With sixteen more recoveries, the percentage of recoveries on admissions was increased 5.3, or 1.3 over that of the next preceding year.

The number of voluntary cases admitted was exactly one-third of all the admissions. The percentage of recoveries furnished by this class was the same as that of the other class, showing that no advantage in this regard is derived from the voluntary cases. The admissions, recoveries, and the relative percentages, during the last nine years, have been as follows: —

| | *Admissions.* | *Recoveries.* | *Percentage.* |
|---|---|---|---|
| 1880 | 51 | 12 | 23.53 |
| 1881 | 66 | 14 | 21.21 |
| 1882 | 82 | 26 | 30.48 |
| 1883 | 109 | 37 | 33.94 |
| 1884 | 113 | 34 | 30.09 |
| 1885 | 95 | 37 | 38.05 |
| 1886 | 93 | 36 | 38.7 |
| 1887 | 75 | 26 | 34.7 |
| 1888 | 105 | 42 | 40. |

The important improvement made in the construction of the cottage building occupied by excited female patients, though not quite completed, is already contributing to their comfort and the convenience of their care. The new corridor, giving separate and direct entrance to the different sections of each of the cottage wards, made by new partitions, with wide folding-doors, is to be complemented by the arrangement of a way of approach for carriages, so that

patients newly admitted can be received into more secluded rooms, and kept apart from others, when it is required. The rearrangement of the Belknap Ward on the ground floor, for use as a small infirmary ward, with exit from it by a casement window directly upon a roomy and a sunny veranda shaded by an awning in summer, has proved most useful for some of the weaker patients. They were also easily taken out of doors, to lie upon cots under the trees in the garden, or to be moved about in wheeled chairs; and thus many hours were spent in the open air, with evident curative effects.

The enlargement of the building in the ladies' garden, formerly devoted to billiards and bowling, is now quite completed, permitting its continued use for those recreations, and at the same time constituting a gymnasium equipped with modern apparatus. The aim is to apply to therapeutic uses, by the newest scientific methods, the systematic practice of physical training, adapting it to the individual need of each patient for whom it shall be prescribed. This is a practical enlargement of the principle upon which massage has been largely and successfully applied through the teaching of our nurses in the art of giving it. In like manner, a part of the training of every nurse is to give such knowledge of physical training as will make it possible to individualize the supervision of such exercise for each patient likely to be benefited by it. Not only this, but it is believed that it will be valuable in many cases in private practice, if the physician can find in his patient's nurse some knowledge and experience in this regard. The system is to be introduced here by a competent teacher from the Allen Gymnasium in Boston, where a class of the Asylum nurses is already under training. Miss Allen is entitled to our thanks for her

helpful interest in this matter. This training of the nurses is normal in its character,— they are taught not only the practice, but so much of the theory of the medical uses of physical exercise as to be enabled to apply it intelligently to others. This is easily possible with the trained nurse properly instructed as to the mechanism of the body, and in observing the physical signs of the effects of such exercise. A further benefit may be derived for the patients in connection with this system. There will be evolved, in due time, the competent nurse who may become a permanent resident officer of the Asylum, having charge of all the work at the gymnasium, and also of the means of occupation, recreation, etc.,— in and out of doors. With such an officer in each department, male and female, efficiency and continuity could be given to useful methods that tend to become nobody's business because they are everybody's. In 1882, some pieces of gymnasium apparatus were obtained from Dr. Sargent of the Hemenway Gymnasium, for our male patients, as noted in the Asylum Report for that year. Some use has since been made of the apparatus, but more regularly and systematically during the past year, in which a number of patients have derived much benefit from systematic physical training. It has been surprising to see how a torpid melancholiac can have his interest aroused in the development of his biceps. Mention should be made of the successful management, by Dr. H. M. Locke of the Asylum medical staff, of a series of athletic sports and games. Much interest was excited in the process of playing for the championship, in the contests for which a considerable number of patients entered the lists. The preliminary games were played from time to time during two summer months; and the final contests at tennis, base-ball, croquet, quoits, billiards,

and running races, were witnessed by interested audiences of ladies and gentlemen. The general social effect as between patients and nurses, aside from the direct benefit of the exercise to the participants, was very good.

The Training School for Nurses gives evidence of progress in the enlargement and perfection of its work. The success of its graduates in private nursing outside of the Asylum, in general work as well as the special care of nervous and mental cases, is satisfactory proof of the correctness of the prevision as to the policy of the school. At the same time, the prediction is being fulfilled that an increasing number would, by preference, remain in, or return to, the service of the Asylum. The growing certainty of commanding equal compensation in private work with those trained in the general hospitals is already attracting applicants from more distant localities than before. The sources of supply have heretofore been almost limited to Northern New England and the provinces of Canada. In the class of 1888 were graduated five men and fifteen women, of whom twelve still remain. Of former classes, five are now in the service. The present senior class includes fifteen men and twelve women, and the junior class includes sixteen men and sixteen women. In the Appendix may be found the prospectus of the school and the form of application; also, the schedule of the course of study as printed for the convenience of the pupils. It is published here to serve as an answer to many inquiries as to how the school is organized, how the work is arranged, by whom the teaching is done, and what text-books are used. It will be seen that the share of the work assigned to the medical staff includes one hour per week for a lecture to the senior class (men and women together) by the medical super-

intendent, two hours for lectures by the first assistant, two hours for recitations to the second assistant, and a few hours in the whole term for demonstrations by the temporary third assistant. All the other teaching is done by the superintendent of the school and by supervisors and head nurses, except that the teachers of cooking and physical training are employed from outside the Asylum.

It is to be hoped that in the organization of the work of Asylum Schools the importance will be recognized of giving as full a training as possible in general nursing, as well as in the special care of the insane. The trained Asylum nurse should not be found at a loss, when called upon outside of the Asylums, to render the service that should be expected of a nurse. The larger the capacity to serve the public, in this regard, the greater the certainty of success in the profession of nursing. Such capacity has an immediate commercial value, and redounds in the end to the benefit of the Asylum in the attraction thus created for new applicants, to say nothing of the larger duty of the Asylum to serve the public in all that pertains to its special work. In becoming the source of good, it brings returns of good to itself. The specialist nurse will surely be a failure in this respect.

There is another important reason for giving every nurse as broad a training as possible in the general principles and practice of all nursing, just as a physician should receive a general education in the profession of medicine before he limits himself to a specialty. The danger and evil of all Asylum work is routine practice,— limitation to one line of observations,— to the neglect of bodily diseases in general. It is true that the majority of the population of all Asylums is in various stages of dementia; it may be true also that, as an eminent alienist says, not only the nurses,

but the medical staff, suffer from a tendency to the lowering of mental tone, because of the constant association with defective minds.

To counteract such tendencies, everything possible should be done to amplify the "hospital" idea in the work. The teaching of "bodily" nursing in a training school excites the interest not only of the nurses, but of the medical staff, in all the manifestations of bodily disorder that can be found, and lends value to the practical care of all morbid conditions. Routine and monotony kill interest when the aim is not beyond the simple care of many incurables: this is the bane of Asylum work. Let the most be made of all bodily and mental conditions as clinical data, and with knowledge of these even dements become interesting to the nurse. Here lies the way by which we must hope to interpose more intelligent efforts for the amelioration or prevention of such mental conditions, or, better, to arrest at an earlier stage the tendency to dementia. With the prevalence of the "hospital" spirit, the nurses become more alert in the recognition and reporting of both physical and mental symptoms; and the professional interest of the medical staff itself is quickened not only in the observation of the clinical material in hand, but to inform itself in regard to the subjects upon which instruction is to be given. Such work cannot be done without an important reflex benefit to the teachers.

The truth is that a large part of the benefit to the nurses individually, and therefore to the service in general, is in the mental development that comes from the mere fact of the study and the consequent mental training. It enlarges their power of observation and their ability to describe what they see. Moreover, all that is included in the teaching of general nursing, by text-books and lectures in the usual manner, is of

such direct value to the pupil, as so much useful knowledge in physiology and hygiene and what to do in emergencies, that it is at once so appreciated by intelligent persons. It is found that such subjects are interesting: the pupil sees the good of knowing something about them, and there is besides a wholesome stimulus in the expectation of rewards for the professional use of the knowledge they are gaining. Thus we have in our hands an effective means for arousing our households out of the ruts of deadening routine, by giving attention to a matter that is not only legitimate, but of imperative importance. There is ample time in a two years' course to cover the field of general nursing, as far as Asylum teaching can go, and the special nursing of the insane as well; and the latter is most easily and quickly taught and comprehended upon the basis of the former. Thoroughness in the work and careful preparation for it will bring the best and most lasting results to all concerned; and the narrow limitations of the training of nurses to only that which is immediately necessary for the insane is to be earnestly deprecated.

The general purpose which has governed the work of the past nine years here has led to the fostering of the "hospital" spirit in the nursing service and in the labors of the medical staff. It is believed that the effect of this is shown in the increased activity of the business of the Asylum and of the movement of its population,—the invitation it gives to the incoming of recent cases,—and the gradual increase in the number and percentage of recoveries, allowance being made for some degree of natural fluctuation in the numbers, as shown in the table upon a preceding page. Much prominence has been given in our annual reports to the "hospital idea," and the subject of the training of nurses. It is regretted if there has been

any misunderstanding of our aim and methods. It might be inferred that there is danger here of thinking more of these things than of the patients. It is enough to say that, as far as they are concerned, the school work is carefully kept behind the scenes, and the paramount theme of discourse and exhortation is what the nurse can do to get these sick people well. It seems well to say also that this whole matter is to be regarded as a means to an end,— one of the essential preliminaries to the advance that may be hoped for in the treatment of the insane. Dr. Ray has said of "the good attendant" that his "constant presence with the patients giveth him opportunity to see and hear much that may escape the attention of the officers in their casual visits, and his eyes and ears are ever open for this purpose." The nurse must always hold a place between the patient and the physician: the intelligent and well-trained nurse can be made an instrument of precision,— an efficient thinking instrument,— to aid the physician by close observations and to apply fittingly for him remedial influences that by their effects may enlarge his own knowledge.

These reflections perhaps need no justification; for, however one may theorize, these propositions here made are to be set down as demonstrated, and as facts of experience, in the work of this Asylum in all its history. If our present conclusions are correct, they stand as the result of logical aims, and represent the rewards of labors that were half annulled by the adverse conditions under which these were wrought. Such conclusions justify the strongest appeal for better conditions, that can only be had in new buildings, with the "hospital adjustments" suited to modern requirements. The hope of advancement in the care and cure of the insane lies largely in the perfection of the appliances we have to work with,

both for promoting the immediate personal welfare of the sick and for the prosecution of scientific inquiry. One of the most urgent demands of the time is for the better accommodation of the sick of the class represented in such asylums as the McLean; and in these exist special advantages for the establishment of the highest order of scientific work, the highest aim of which is the understanding and prevention of insanity. What is needed is a hospital in the truest sense, to which those under impending danger of mental disorder may early come without fear or shrinking.

Much encouragement has been given to the desire to enlarge the medical work of the Asylum by the considerate and generous action of the Trustees for the establishment upon a better basis of the Pathological Department and the adding to its laboratory means for the practical study of experimental psychology in connection with the clinical work in the wards. The recent appointment as Pathologist and Assistant Physician, of William Noyes, M.D., who has made a special study of these subjects in addition to his clinical experience of some years at the Bloomingdale Asylum, enables us to undertake the investigation of the new questions that are now becoming so interesting and important. The lines of inquiry are in so many branches of the "new psychology" that no pretence is made beyond the purpose of beginning upon them. The Asylum study of these problems may include, besides pathology, "what the nervous system can do" both in health and disease, whatever is open to mechanical experiment in physical and mental phenomena of nervous action, and whatever pathological psychology may present for analysis and explanation. It is hoped that some small result may be yielded by the attempt to co-ordi-

nate these several lines of investigation in a psychological laboratory in direct relation with the manifestation of morbid psychology. The plan of conducting this new department provides for an annual visit to Europe by the officer in charge of it, for a few months' study and observation of the methods of carrying on investigations of this kind in special laboratories and elsewhere.

It may be noted here that this purpose has long been held in view as one of the aims of our "hospital idea." It is fair to say that good work has been and can be done here. It is a matter of record. But some of the best work lies waiting to be done, that cannot even be undertaken here. Let these considerations justify an appeal for a new asylum. It will take time to build new buildings and perfect the work in them. The only way to begin is to begin, and life is short. The necessity is urgent and stands confessed. What it means to the sick is plain. Besides the needs that are ordinarily held in view, our mental picture of the new buildings at Belmont always includes a well-officered and well-furnished laboratory; and the special library, already becoming valuable, should not lack any work that is useful for our purpose and that can be had. It is the duty of our day and generation at least to lay the foundation which shall enable those who come after us to be fully equipped to cope with problems that are even now thrusting themselves upon us.

Our urgent need to-day is the beginning of new buildings at Belmont; and, with plans already well studied, it is recommended that one building at least shall be erected in the coming year, to be used for convalescents. This recommendation is made in the earnest hope that some way will be provided to extend the work so that a group of buildings shall soon

be completed, including the administration buildings and those required for removing all the female patients from Somerville. This will be in the interests of economy, good service, freedom from many pressing difficulties, proper classification, and the best good of the sick.

The Pathological Report by Dr. Gannett will be found in the Appendix, stating the results of his continuation of the work of his department. Clinical instruction to students from the Harvard Medical School was given, as formerly, during part of the year.

The friends of the Asylum have not failed in their accustomed interest in its work and welfare. The helpfulness of this is appreciated by the patients and all who are engaged in their care, and prompts our sincere thanks.

Very respectfully,

EDWARD COWLES,
*Medical Superintendent.*

## TABLE No. 2.

### MONTHLY ADMISSIONS, DISCHARGES, AND AVERAGES.

| Months. | Admissions. | | | Discharges (including Deaths). | | | Daily Average of Patients in the House. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| January, . . | 6 | 4 | 10 | 5 | 4 | 9 | 72.13 | 86.32 | 158.45 |
| February, . | 7 | 5 | 12 | 1 | 3 | 4 | 77.69 | 87.93 | 165.62 |
| March, . . | 3 | 4 | 7 | 3 | 2 | 5 | 79.49 | 90.60 | 170.09 |
| April, . . . | 2 | 2 | 4 | 2 | 1 | 3 | 78.10 | 87.30 | 165.40 |
| May, . . . | 3 | 4 | 7 | 5 | 6 | 11 | 74.32 | 87.45 | 161.77 |
| June, . . . | 4 | 10 | 14 | 5 | 5 | 10 | 75.17 | 89.60 | 164.77 |
| July, . . . | 6 | 6 | 12 | 1 | 3 | 4 | 74.81 | 91.35 | 166.16 |
| August, . . | 3 | 7 | 10 | 6 | 9 | 15 | 78.84 | 89.00 | 167.84 |
| September, . | 4 | 2 | 6 | 1 | 5 | 6 | 77.70 | 85.10 | 162.80 |
| October, . . | 3 | 7 | 10 | 6 | 8 | 14 | 77.48 | 86.65 | 164.13 |
| November, . | 2 | 3 | 5 | 6 | 5 | 11 | 77.40 | 87.77 | 165.17 |
| December, . | 4 | 4 | 8 | 4 | 7 | 11 | 74.16 | 89.00 | 163.16 |
| Total *cases*, . | 47 | 58 | 105 | 45 | 58 | 103 | 76.44 | 88.17 | 164.61 |
| Total *persons*, | 46 | 56 | 102 | 44 | 58 | 102 | . . | . . | . . |

## TABLE No. 3.

### RECEIVED ON FIRST AND SUBSEQUENT ADMISSIONS.

| Number of the Admission. | Cases admitted. | | | Times previously recovered. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| First, . . . . . | 38 | 41 | 79 | 4 | 17 | 21 |
| Second, . . . . | 5 | 7 | 12 | 3 | 5 | 8 |
| Third, . . . . . | 2 | 3 | 5 | 1 | 2 | 3 |
| Fourth, . . . . . | 1 | 3 | 4 | 3 | 7 | 10 |
| Sixth, . . . . . | 1 | 2 | 3 | 5 | 5 | 10 |
| Seventh, . . . . | . . | 1 | 1 | . . | 6 | 6 |
| Thirteenth, . . . | . . | 1 | 1 | . . | 12 | 12 |
| Total of *cases*, . . | 47 | 58 | 105 | 16 | 54 | 70 |
| Total of *persons*, . | 46 | 56 | 102 | . . | . . | . . |

These 70 recoveries represent 28 persons, 16 having recovered one, 4 two, 3 three, 2 five, 1 six, 1 nine, and 1 twelve times.

## TABLE No. 4.

AGES OF PERSONS ADMITTED FOR THE FIRST TIME.

| Ages. | At first attack of Insanity. | | | When admitted. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| Congenital, | 1 | . . | 1 | . . | . . | . . |
| From 15 to 20 yrs., | 1 | 2 | 3 | . . | 1 | 1 |
| " 20 " 25 " | 3 | 6 | 9 | 2 | 3 | 5 |
| " 25 " 30 " | 4 | 5 | 9 | 5 | 6 | 11 |
| " 30 " 35 " | 4 | 5 | 9 | 5 | 5 | 10 |
| " 35 " 40 " | 7 | 3 | 10 | 7 | 3 | 10 |
| " 40 " 50 " | 9 | 8 | 17 | 7 | 7 | 14 |
| " 50 " 60 " | 3 | 6 | 9 | 6 | 10 | 16 |
| " 60 " 70 " | 1 | 3 | 4 | 1 | 3 | 4 |
| " 70 " 80 " | 3 | 3 | 6 | 3 | 3 | 6 |
| " 80 " 90 " | 1 | . . | 1 | 1 | . . | 1 |
| " 90 " 100 " | 1 | . . | 1 | 1 | . . | 1 |
| Total of *persons*, | 38 | 41 | 79 | 38 | 41 | 79 |

## TABLE No. 5.

PARENTAGE OF PERSONS ADMITTED.

| Places of Nativity. | Males. | | Females. | | Total. | |
|---|---|---|---|---|---|---|
| | Father. | Mother. | Father. | Mother. | Father. | Mother. |
| Maine, | 7 | 6 | 8 | 8 | 15 | 14 |
| New Hampshire, | 4 | 3 | 3 | 2 | 7 | 5 |
| Vermont, | . . | . . | 1 | 1 | 1 | 1 |
| Massachusetts, | 16 | 19 | 30 | 30 | 46 | 49 |
| Rhode Island, | 2 | 2 | . . | . . | 2 | 2 |
| Connecticut, | 3 | 2 | . . | . . | 3 | 2 |
| New York, | 1 | 1 | 2 | 2 | 3 | 3 |
| Georgia, | 1 | . . | . . | . . | 1 | . . |
| England, | 2 | 2 | 2 | 2 | 4 | 4 |
| Ireland, | 6 | 6 | 2 | 2 | 8 | 8 |
| Nova Scotia, | 1 | 2 | 4 | 4 | 5 | 6 |
| Cuba, | . . | . . | . . | 1 | . . | 1 |
| South America, | . . | . . | . . | 1 | . . | 1 |
| Canada, | . . | . . | 1 | 1 | 1 | 1 |
| P. E. Island, | . . | . . | 1 | 1 | 1 | 1 |
| Scotland, | 1 | 1 | . . | . . | 1 | 1 |
| France, | 1 | 1 | 2 | 1 | 3 | 2 |
| Prussia, | 1 | 1 | . . | . . | 1 | 1 |
| Total of *persons*, | 46 | 46 | 56 | 56 | 102 | 102 |

## TABLE No. 6.

### RESIDENCE OF PERSONS ADMITTED.

| Places. | Males. | Females. | Total. |
|---|---|---|---|
| Massachusetts: — | | | |
| Suffolk County, | 14 | 12 | 26 |
| Middlesex County, | 15 | 21 | 36 |
| Essex County, | 3 | 3 | 6 |
| Norfolk County, | 4 | 6 | 10 |
| Plymouth County, | 2 | 5 | 7 |
| Bristol County, | 1 | 1 | 2 |
| Barnstable County, | .. | 1 | 1 |
| Hampshire County, | .. | 1 | 1 |
| Hampden County, | 1 | .. | 1 |
| Worcester County, | 1 | 1 | 2 |
| Maine, | .. | 1 | 1 |
| New Hampshire, | 3 | .. | 3 |
| Maryland, | 1 | .. | 1 |
| South Carolina, | .. | 1 | 1 |
| New York, | .. | 2 | 2 |
| Ohio, | 1 | 1 | 2 |
| Nova Scotia, | 1 | 2 | 3 |
| Total of *cases*, | 47 | 58 | 105 |
| Total of *persons*, | 46 | 56 | 102 |

## TABLE No. 7.

### CIVIL CONDITIONS OF PERSONS ADMITTED.

| Number of the Admission. | Unmarried. | | | Married. | | | Widowed. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| First, | 14 | 17 | 31 | 19 | 15 | 34 | 5 | 9 | 14 |
| Second, | 2 | 5 | 7 | 3 | 1 | 4 | .. | 1 | 1 |
| Third, | 1 | 1 | 2 | 1 | 1 | 2 | .. | 1 | 1 |
| Fourth, | 1 | 2 | 3 | .. | .. | .. | .. | 1 | 1 |
| Sixth, | .. | .. | .. | 1 | 1 | 2 | .. | 1 | 1 |
| Seventh, | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Thirteenth, | .. | 1 | 1 | .. | .. | .. | .. | .. | .. |
| Total *cases*, | 18 | 26 | 44 | 24 | 18 | 42 | 5 | 14 | 19 |
| Total *persons*, | 18 | 25 | 43 | 23 | 18 | 41 | 5 | 13 | 18 |

## TABLE No. 8.

### OCCUPATIONS OF PERSONS ADMITTED.

| Occupations. | Males. | Females. | Total. |
|---|---|---|---|
| Housewife, | .. | 24 | 24 |
| Clerk, | 6 | 1 | 7 |
| Manufacturer, | 1 | .. | 1 |
| Merchant, | 7 | .. | 7 |
| Farmer, | 5 | .. | 5 |
| Student, | 1 | .. | 1 |
| Teacher, | 3 | 4 | 7 |
| Lawyer, | 1 | .. | 1 |
| Civil Engineer, | 1 | .. | 1 |
| Artist, | 1 | . | 1 |
| Mechanic, | 6 | .. | 6 |
| Jeweller, | 1 | .. | 1 |
| Engraver, | 1 | . | 1 |
| Expressman, | 1 | .. | 1 |
| Nurse, | .. | 2 | 2 |
| Dressmaker, | .. | 1 | 1 |
| No occupation, | 11 | 24 | 35 |
| Total of *persons*, | 46 | 56 | 102 |

## TABLE No. 9.

### REPORTED DURATION OF INSANITY BEFORE LAST ADMISSION.

| Previous Duration. | First Admission to any Hospital. | | | All other Admissions. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Congenital, | 1 | .. | 1 | .. | .. | .. | 1 | .. | 1 |
| Under 1 mo., | 11 | 8 | 19 | 3 | 4 | 7 | 14 | 12 | 26 |
| Fr. 1 to 3 mo., | 4 | 7 | 11 | 1 | 4 | 5 | 5 | 11 | 16 |
| " 3 " 6 " | 6 | 12 | 18 | 4 | 4 | 8 | 10 | 16 | 26 |
| " 6 " 12 " | 1 | 2 | 3 | .. | 1 | 1 | 1 | 3 | 4 |
| " 1 " 2 yrs., | 5 | 3 | 8 | 1 | .. | 1 | 6 | 3 | 9 |
| " 2 " 5 " | 6 | 5 | 11 | .. | 4 | 4 | 6 | 9 | 15 |
| " 5 " 10 " | 3 | 3 | 6 | .. | .. | .. | 3 | 3 | 6 |
| "10 " 20 " | 1 | 1 | 2 | .. | .. | .. | 1 | 1 | 2 |
| Total *cases*, | 38 | 41 | 79 | 9 | 17 | 26 | 47 | 58 | 105 |
| Total *persons*, | .. | .. | .. | 8 | 15 | 23 | 46 | 56 | 102 |
| Average of known persons (in years), | 1.99 | 1.24 | 1.61 | .29 | .63 | .51 | | | |

## TABLE No. 10.

FORM OF DISEASE IN THE CASES ADMITTED.

| Form of Disease. | Males. | Females. | Total. |
|---|---|---|---|
| Mania, acute, | 14 | 18 | 32 |
| Mania, chronic, | .. | 2 | 2 |
| Mania, recurrent, | 1 | .. | 1 |
| Mania, puerperal, | .. | 1 | 1 |
| Folie-du-doute, | 1 | .. | 1 |
| Melancholia, acute, | 11 | 20 | 31 |
| Melancholia, chronic | .. | 2 | 2 |
| Melancholia, puerperal, | .. | 1 | 1 |
| Moral Insanity, | 1 | .. | 1 |
| Delusional Insanity, | 2 | 6 | 8 |
| Paralytic Insanity, | 2 | .. | 2 |
| Senile Insanity, | 3 | 2 | 5 |
| Dementia, secondary, | 4 | 6 | 10 |
| General Paralysis, | 8 | .. | 8 |
| Total of *cases*, | 47 | 58 | 105 |
| Total of *persons*, | 46 | 56 | 102 |

## TABLE No. 11.

ALLEGED CAUSES OF INSANITY IN PERSONS ADMITTED.

| Causes. | Males. | Females. | Total. |
|---|---|---|---|
| *Mental.* | | | |
| Grief, | .. | 3 | 3 |
| Worry, | 7 | 4 | 11 |
| Shock, | .. | 2 | 2 |
| Disappointment, | 1 | 2 | 3 |
| Spiritualism, | 1 | .. | 1 |
| *Physical.* | | | |
| Ill-health, | 1 | 2 | 3 |
| Neurasthenia, | 1 | 5 | 6 |
| Overwork, | 6 | 4 | 10 |
| Constitutional, | 7 | 4 | 11 |
| Change of life, | .. | 3 | 3 |
| Childbirth, | .. | 3 | 3 |
| Uterine, | .. | 2 | 2 |
| General Paralysis | 2 | .. | 2 |
| Epilepsy, | 1 | .. | 1 |
| Surgical operation, | .. | 1 | 1 |
| Cerebral Hemorrhage, | .. | 1 | 1 |
| Concussion of Brain, | .. | 1 | 1 |
| Intemperance, | 4 | .. | 4 |
| Old age, | 2 | 1 | 3 |
| Unknown, | 14 | 20 | 34 |
| Total of *cases*, | 47 | 58 | 105 |
| Total of *persons*, | 46 | 56 | 102 |

## TABLE No. 12.

### RELATION TO HOSPITALS OF THE PERSONS ADMITTED.

| | Males. | Females. | Total. |
|---|---|---|---|
| Never before in any Hospital, | 38 | 41 | 79 |
| Former inmates of this Hospital, | 4 | 6 | 10 |
| Former inmates of other Hospitals in this State: — | | | |
| South Boston, | 2 | .. | 2 |
| Private Asylum, | 1 | 2 | 3 |
| Danvers, | .. | 1 | 1 |
| Taunton, | .. | 1 | 1 |
| Former inmates of Hospitals in other States, | .. | 3 | 3 |
| Former inmates of this Hospital and of other Hospitals in this State: — | | | |
| Westborough, | .. | 1 | 1 |
| Former inmates of this Hospital and of Hospitals in other States, | 1 | 3 | 4 |
| Former inmates of foreign Hospitals, | 1 | .. | 1 |
| Total of *cases*, | 47 | 58 | 105 |
| Total of *persons*, | 46 | 56 | 102 |

## TABLE No. 13.

### DISCHARGES CLASSIFIED BY ADMISSION AND RESULT.

| Admission. | Recovered. | | | Much Improved. | | | Improved. | | | Unimproved. | | | Died. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| First, . . . . . | 12 | 21 | 33 | 5 | 5 | 10 | 2 | 3 | 5 | 5 | 9 | 14 | 10 | 10 | 20 | 34 | 49 | 83 |
| Second, . . . . . | 3 | 2 | 5 | 1 | 2 | 3 | 1 | 2 | 3 | . . | 1 | 1 | 2 | . . | 2 | 7 | 6 | 13 |
| Third, . . . . . | . . | 1 | 1 | . . | . . | . . | . . | . | . . | 1 | . . | 1 | 1 | . . | 1 | 2 | 1 | 3 |
| Sixth, . . . . . | 1 | 1 | 2 | . . | . . | . . | . | . . | . . | . . | . . | . . | . . | . . | . . | 1 | 1 | 2 |
| Eighth, . . . . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | 1 | . . . | 1 | . . | . . | . . | 1 | . . | 1 |
| Thirteenth, . . . . . | . . | 1 | 1 | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | 1 | 1 |
| Total of *cases*, . . . | 16 | 26 | 42 | 6 | 7 | 13 | 3 | 5 | 8 | 7 | 10 | 17 | 13 | 10 | 23 | 45 | 58 | 103 |
| Total of *persons*, . . | 16 | 26 | 42 | 5 | 7 | 12 | 3 | 5 | 8 | 7 | 10 | 17 | 13 | 10 | 23 | 44 | 58 | 102 |

## TABLE No. 14.

CASES DISCHARGED RECOVERED.—DURATION.

| Period. | Duration before Admission. | | | Hospital Residence. | | | Whole Duration from the Attack. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Under 1 mo., | 10 | 12 | 22 | 1 | 4 | 5 | . . | . . | . . |
| Fr. 1 to 3 mo., | 1 | 5 | 6 | 6 | 3 | 9 | 6 | 4 | 10 |
| " 3 " 6 " | 2 | 8 | 10 | 4 | 6 | 10 | 3 | 8 | 11 |
| " 6 " 12 " | . . | . . | . . | 4 | 8 | 12 | 2 | 7 | 9 |
| " 1 " 2 yrs. | 2 | . . | 2 | 1 | 1 | 2 | 3 | 1 | 4 |
| " 2 " 5 " | 1 | . . | 1 | . . | 4 | 4 | 2 | 5 | 7 |
| "10 " 15 " | . . | 1 | 1 | . . | . . | . . | . . | 1 | 1 |
| Total *cases*, | 16 | 26 | 42 | 16 | 26 | 42 | 16 | 26 | 42 |
| Total *persons*, | 16 | 26 | 42 | 16 | 26 | 42 | 16 | 26 | 42 |
| Average of known cases (in months), | 4.51 | 6.16 | 5.54 | 4.50 | 11.41 | 8.77 | 9.14 | 17.91 | 14 55 |

## TABLE No. 15.

CASES RESULTING IN DEATH.—DURATION.

| Period. | Duration before Admission. | | | Hospital Residence. | | | Whole Duration from the Attack. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Under 1 mo., . | 3 | 1 | 4 | 3 | 2 | 5 | 1 | 1 | 2 |
| From 1 to 3 mo., | 2 | 2 | 4 | 1 | 1 | 2 | 2 | 1 | 3 |
| " 3 " 6 " | 3 | 6 | 9 | 2 | 1 | 3 | 1 | 1 | 2 |
| " 6 "12 " | . . | 1 | 1 | 1 | . . | 1 | . . | 1 | 1 |
| " 1 " 2 yrs., | 2 | . . | 2 | 2 | 1 | 3 | 4 | 1 | 5 |
| " 2 " 5 " | 3 | . . | 3 | 3 | . . | 3 | 3 | . . | 3 |
| " 5 "10 " | . . | . . | . . | . . | 1 | 1 | 1 | 1 | 2 |
| " 10 "15 " | . . | . . | . . | . . | 1 | 1 | . . | 1 | 1 |
| " 15 "20 " | . . | . . | . . | 1 | . . | 1 | 1 | . . | 1 |
| " 20 "25 " | . . | . . | . . | . . | 1 | 1 | . . | 1 | 1 |
| " 25 "30 " | . . | . . | . . | . . | 1 | 1 | . . | 1 | 1 |
| " 35 "40 " | . . | . . | . . | . . | 1 | 1 | . . | 1 | 1 |
| Total, . . . | 13 | 10 | 23 | 13 | 10 | 23 | 13 | 10 | 23 |
| Average of known cases (in months), | 12.69 | 3.15 | 8.54 | 24.35 | 121.15 | 66.43 | 37.04 | 124.30 | 74.98 |

## TABLE No. 16.

CASES DISCHARGED BY RECOVERY OR DEATH.

| Form of Insanity. | Recoveries. | | | Deaths. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| Mania, acute, . . . | 8 | 15 | 23 | 2 | 1 | 3 |
| Mania, chronic, . . . | . . | . . | . . | . . | 2 | 2 |
| Mania, puerperal, . . | . . | . . | . . | . . | 1 | 1 |
| Melancholia, acute, . | 8 | 11 | 19 | 1 | 2 | 3 |
| Delusional Insanity, . | . . | . . | . . | 1 | . . | 1 |
| Paralytic Insanity, . . | . . | . . | . . | 1 | . . | 1 |
| Senile Insanity, . . . | . . | . . | . . | 2 | 1 | 3 |
| Dementia, secondary, . | . . | . . | . . | 1 | 3 | 4 |
| General Paralysis, . . | . . | . . | . . | 5 | . . | 5 |
| Total of *cases*, . . . | 16 | 26 | 42 | 13 | 10 | 23 |
| Total of *persons*, . . | 16 | 26 | 42 | 13 | 10 | 23 |

## TABLE No. 17.

CAUSES OF DEATH.

| Causes. | Males. | Females. | Total. |
|---|---|---|---|
| *Cerebral Disease.* | | | |
| General Paralysis, . . . . . | 5 | . . | 5 |
| Exhaustion from Mania, . . . . . | 2 | 3 | 5 |
| Exhaustion from Senile Insanity, . . . . | 1 | 1 | 2 |
| Cerebral Hemorrhage, . . . . . | 1 | . . | 1 |
| Chronic Hemorrhagic Pacchymeningitis, . . | . . | 1 | 1 |
| *Other Causes.* | | | |
| Heart Disease, . . . . . | 1 | . . | 1 |
| Embolism, . . . . . | . . | 1 | 1 |
| Chronic Interstitial Nephritis, . . . . . | . . | 2 | 2 |
| Senile Gangrene, . . . . . | . . | 1 | 1 |
| Old Age, . . . . . | 1 | 1 | 2 |
| Suicide, . . . . . | 1 | . . | 1 |
| Railroad Accident after escape, . . . . . | 1 | . . | 1 |
| Totals, . . . . . | 13 | 10 | 23 |

## TABLE No. 18.

RECOVERIES, CLASSIFIED BY RESULTS OF PREVIOUS ADMISSIONS.*

| Number of the Admission. | Recovered. | | | Much Improved. | | | Not Improved. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Second, . . . . | 3 | 2 | 5 | . . | . . | . . | . . | . . | . . | 3 | 2 | 5 |
| Third, . . . . . | . . | 1 | 1 | . . | . . | . . | . . | . . | . . | . . | 1 | 1 |
| Sixth, . . . . . | 1 | 1 | 2 | . . | . . | . . | . . | . . | . . | 1 | 1 | 2 |
| Thirteenth, . . . | . . | 1 | 1 | . . | . . | . . | . . | . . | . . | . . | 1 | 1 |
| Total of *cases*, . . | 4 | 5 | 9 | . . | . . | . . | . . | . . | . . | 4 | 5 | 9 |
| Total of *persons*, . | 4 | 5 | 9 | . . | . . | . . | . . | . . | . . | 4 | 5 | 9 |

*This classification is based upon the result of the admission next preceding the last, in each case respectively.

## TABLE No. 19.

DEATHS, CLASSIFIED BY DURATION OF INSANITY AND OF TREATMENT.

| Period. | Duration of Insanity. | | | Whole known period of Hospital Residence. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| Congenital, . . . | . . | . . | . . | . . | . . | . . |
| Under 1 month, . . | 1 | 1 | 2 | 3 | 2 | 5 |
| From 1 to 3 months, | 2 | . . | 2 | 1 | 1 | 2 |
| " 3 " 6 " | 1 | 1 | 2 | 3 | 1 | 4 |
| " 6 " 12 " | . . | 1 | 1 | . . | . . | . . |
| " 1 " 2 years, | 3 | 1 | 4 | 2 | 1 | 3 |
| " 2 " 5 " | 3 | 1 | 4 | 3 | . . | 3 |
| " 5 " 10 " | 2 | 1 | 3 | . . | 1 | 1 |
| " 10 " 20 " | 1 | 1 | 2 | 1 | 1 | 2 |
| " 20 " 30 " | . . | 2 | 2 | . . | 2 | 2 |
| " 30 " 40 " | . . | 1 | 1 | . . | 1 | 1 |
| Total, . . . . . | 13 | 10 | 23 | 13 | 10 | 23 |
| Average of known *cases* (in months), | 43.63 | 158.72 | 79.87 | 25.35 | 154.76 | 68.16 |

## TABLE No. 20.

### AGES OF THOSE WHO DIED.

| Ages. | At time of the first Attack. | | | At time of Death. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| From 20 to 25 years, | . . | 1 | 1 | . . | . . | . . |
| " 25 " 30 " | 1 | . . | 1 | 1 | . . | 1 |
| " 30 " 35 " | 1 | 1 | 2 | 1 | 1 | 2 |
| " 40 " 45 " | 3 | 1 | 4 | . . | . . | . . |
| " 45 " 50 " | 1 | 1 | 2 | 2 | 2 | 4 |
| " 50 " 60 " | 4 | 4 | 8 | 2 | 3 | 5 |
| " 60 " 70 " | . . | 1 | 1 | 3 | . . | 3 |
| " 70 " 80 " | 2 | 1 | 3 | 3 | 2 | 5 |
| " 80 " 90 " | 1 | . . | 1 | . . | 1 | 1 |
| " 90 "100 " | . . | . . | . . | 1 | 1 | 2 |
| Total, . . . . . | 13 | 10 | 23 | 13 | 10 | 23 |

# TABLE No. 21.

## TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE McLEAN ASYLUM.

FROM ITS OPENING, OCT. 6, 1818, TO DEC. 31, 1888, INCLUSIVE.

| Years. | Admitted. | Discharged. | Who'e No. under care. | Died. | Much improved, etc. | Recov'd. | Remaining at end of year. | Average No. of Patients. |
|---|---|---|---|---|---|---|---|---|
| 1818–25 | 398 | 344 | 623 | 29 | 205 | 110 | 279 | .. |
| 1826 | 47 | 46 | 101 | 5 | 21 | 20 | 55 | .. |
| 1827 | 58 | 56 | 113 | 5 | 17 | 34 | 57 | .. |
| 1828 | 77 | 65 | 134 | 5 | 37 | 23 | 69 | .. |
| 1829 | 73 | 77 | 142 | 9 | 42 | 26 | 65 | .. |
| 1830 | 82 | 78 | 147 | 10 | 34 | 34 | 69 | .. |
| 1831 | 83 | 84 | 152 | 8 | 46 | 30 | 68 | .. |
| 1832 | 94 | 98 | 162 | 10 | 45 | 43 | 64 | .. |
| 1833 | 103 | 100 | 167 | 8 | 50 | 42 | 67 | .. |
| 1834 | 108 | 95 | 174 | 7 | 47 | 41 | 80 | .. |
| 1835 | 83 | 84 | 163 | 11 | 28 | 45 | 77 | .. |
| 1836 | 106 | 112 | 183 | 10 | 38 | 64 | 71 | .. |
| 1837 | 120 | 105 | 191 | 8 | 25 | 72 | 86 | 80 |
| 1838 | 138 | 131 | 224 | 12 | 45 | 74 | 93 | 95 |
| 1839 | 132 | 117 | 225 | 10 | 38 | 69 | 108 | 112 |
| 1840 | 155 | 138 | 263 | 13 | 50 | 75 | 125 | 128 |
| 1841 | 157 | 141 | 283 | 11 | 55 | 75 | 142 | 135 |
| 1842 | 129 | 138 | 271 | 15 | 43 | 80 | 133 | 143 |
| 1843 | 126 | 126 | 260 | 18 | 45 | 63 | 134 | 131 |
| 1844 | 158 | 140 | 292 | 20 | 52 | 68 | 152 | 146 |
| 1845 | 119 | 120 | 271 | 13 | 33 | 74 | 151 | 149 |
| 1846 | 148 | 126 | 299 | 9 | 52 | 65 | 173 | 164 |
| 1847 | 170 | 170 | 343 | 33 | 50 | 87 | 173 | 172 |
| 1848 | 143 | 155 | 316 | 23 | 50 | 82 | 155 | 171 |
| 1849 | 160 | 137 | 321 | 15 | 58 | 64 | 184 | 177 |
| 1850 | 173 | 157 | 357 | 28 | 51 | 78 | 200 | 201 |
| 1851 | 164 | 173 | 364 | 29 | 69 | 75 | 191 | 195 |
| 1852 | 145 | 135 | 336 | 15 | 48 | 72 | 201 | 200 |
| 1853 | 114 | 120 | 315 | 17 | 45 | 58 | 195 | 194 |
| 1854 | 120 | 120 | 315 | 16 | 45 | 59 | 195 | 195 |
| 1855 | 123 | 126 | 318 | 24 | 46 | 56 | 192 | 192 |
| 1856 | 149 | 145 | 341 | 19 | 58 | 68 | 196 | 195 |
| 1857 | 141 | 159 | 337 | 28 | 60 | 71 | 178 | 191 |
| 1858 | 155 | 147 | 333 | 25 | 50 | 72 | 186 | 187 |
| 1859 | 131 | 142 | 317 | 28 | 53 | 61 | 175 | 185 |
| 1860 | 121 | 109 | 296 | 24 | 46 | 39 | 187 | 185 |
| 1861 | 111 | 110 | 298 | 23 | 33 | 54 | 188 | 193 |
| 1862 | 82 | 94 | 270 | 18 | 37 | 39 | 176 | 190 |
| 1863 | 94 | 69 | 270 | 13 | 20 | 36 | 201 | 191 |
| 1864 | 101 | 107 | 302 | 27 | 38 | 42 | 195 | 200 |
| 1865 | 82 | 85 | 277 | 17 | 33 | 35 | 192 | 186 |
| 1866 | 103 | 98 | 295 | 29 | 23 | 46 | 197 | 197 |
| 1867 | 89 | 108 | 286 | 27 | 36 | 45 | 178 | 186 |
| 1868 | 92 | 94 | 270 | 23 | 37 | 34 | 176 | 166 |
| 1869 | 108 | 100 | 284 | 18 | 31 | 51 | 184 | 187 |
| 1870 | 79 | 85 | 263 | 12 | 40 | 33 | 178 | 187 |
| 1871 | 75 | 81 | 253 | 13 | 47 | 21 | 172 | 178 |
| 1872 | 93 | 101 | 265 | 23 | 63 | 15 | 164 | 173 |
| 1873 | 92 | 95 | 256 | 13 | 63 | 19 | 161 | 165 |
| 1874 | 75 | 88 | 236 | 10 | 58 | 20 | 148 | 159 |
| 1875 | 85 | 83 | 233 | 16 | 51 | 16 | 150 | 156 |
| 1876 | 92 | 74 | 242 | 20 | 36 | 18 | 168 | 160 |
| 1877 | 110 | 103 | 278 | 20 | 68 | 15 | 175 | 175 |
| 1878 | 63 | 84 | 238 | 12 | 66 | 6 | 154 | 168 |
| 1879 | 76 | 79 | 230 | 12 | 48 | 19 | 151 | 157 |
| 1880 | 51 | 48 | 202 | 6 | 30 | 12 | 154 | 152 |
| 1881 | 66 | 65 | 220 | 14 | 37 | 14 | 155 | 150 |
| 1882 | 82 | 70 | 237 | 8 | 36 | 26 | 167 | 156 |
| 1883 | 109 | 111 | 276 | 17 | 57 | 37 | 165 | 164 |
| 1884 | 113 | 103 | 278 | 17 | 52 | 34 | 175 | 166 |
| 1885 | 95 | 100 | 270 | 17 | 46 | 37 | 170 | 171 |
| 1886 | 93 | 96 | 263 | 14 | 46 | 36 | 167 | 169 |
| 1887 | 75 | 78 | 242 | 17 | 35 | 26 | 164 | 160 |
| 1888 | 105 | 103 | 269 | 23 | 37 | 43 | 166 | 164 |
| | 7,194 | 7,028 | | 1,049 | 2,981 | 2,998 | | |

# TABLE No. 22.

TABLE OF APPLICATIONS, ADMISSIONS, ETC., FOR TWENTY-FOUR YEARS,—1864-1888.

| Years. | Applications. | Admissions. | | American. | | Foreign. | | Not Admitted. | Discharged, cured, rel'ved, or improved. | | Percentage of same on Admissions. | | Died. | | Accid'ts. | Whole number under care in the year. | | Number of Free patients. | | Paying all the time. | | Paying part of the time. | | Greatest total number at any time. | | Least total at any time. | | Average. | | Greatest no. at any one time of Free or Paying at Hospital. | | Average time in weeks Paying and Free at Hospital. | | Out-patients. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Hospital. | Asylum. | Hospital. | Asylum. | Hospital. | Asylum. | Hospital. | Hospital. | Asylum. | Hospital. | Asylum. | Hospital. | Asylum. | | Hospital. | Asylum. | Hospital. | Asylum. | Hospital. | Asylum. | Hospital. | Asylum. | Hospital. | Asylum. | Hospital. | Asylum. | Hospital. | Asylum. | Free. | Paying. | Free. | Paying. | Hospital. |
| 1864 | 1932 | 1599 | 101 | 654 | 99 | 945 | 2 | 333 | 1306 | 80 | 8.168 | 79.1 | 130 | 27 | 242 | 1749 | 302 | 1388 | 350 | 11 | 157 | 208 | 110 | 192 | 138 | 200 | 139 | 33 | 3.2 | 4.4 | 5619 |
| 1865 | 1430 | 1199 | 82 | 571 | 80 | 628 | 2 | 231 | 997 | 68 | 8.315 | 82.9 | 104 | 17 | 140 | 1347 | 277 | 687 | 592 | 68 | 164 | 195 | 88 | 181 | 113 | 186 | 137 | 72 | 3.7 | 4.8 | 5356 |
| 1866 | 1328 | 1120 | 103 | 542 | 100 | 587 | 3 | 206 | 909 | 69 | 81.17 | 66.9 | 96 | 29 | 132 | 1224 | 295 | 556 | 623 | 45 | 109 | 203 | 78 | 192 | 95 | 197 | 62 | 58 | 3.4 | 5.1 | 5608 |
| 1867 | 1419 | 1206 | 89 | 558 | 88 | 618 | 1 | 213 | 958 | 81 | 79.43 | 91 | 94 | 27 | 113 | 1301 | 286 | 676 | 601 | 24 | 126 | 200 | 72 | 172 | 104 | 186 | 77 | 62 | 3.4 | 4.3 | 4553 |
| 1868 | 1474 | 1265 | 92 | 604 | 92 | 661 | 0 | 209 | 1015 | 71 | 80.03 | 77.1 | 85 | 23 | 98 | 1373 | 218 | 840 | 502 | 31 | 132 | 181 | 69 | 160 | 102 | 166 | 97 | 56 | 3.0 | 3.5 | 5264 |
| 1869 | 1633 | 1390 | 108 | 681 | 108 | 709 | 0 | 243 | 1123 | 82 | 80.03 | 75.9 | 107 | 18 | 93 | 1217 | 284 | 930 | 563 | 24 | 139 | 196 | 90 | 177 | 118 | 187 | 98 | 55 | 3.4 | 4.3 | 6953 |
| 1870 | 1706 | 1302 | 79 | 584 | 76 | 718 | 3 | 404 | 1083 | 73 | 83.20 | 92.4 | 85 | 12 | 140 | 1427 | 342 | 958 | 439 | 30 | 137 | 195 | 98 | 181 | 120 | 187 | 106 | 45 | 3.4 | 4.8 | 8767 |
| 1871 | 1781 | 1427 | 75 | 649 | 75 | 778 | 0 | 354 | 1143 | 52 | 80.09 | 69.3 | 109 | 13 | 178 | 1537 | 253 | 1056 | 456 | 25 | 154 | 187 | 91 | 167 | 122 | 178 | 126 | 43 | 3.1 | 3.9 | 9792 |
| 1872 | 1815 | 1547 | 93 | 665 | 88 | 882 | 5 | 268 | 1271 | 52 | 82.15 | 55.9 | 120 | 23 | 259 | 1701 | 265 | 1289 | 396 | 16 | 160 | 179 | 97 | 163 | 135 | 173 | 133 | 42 | 3.1 | 4.3 | 11878 |
| 1873 | 1958 | 1550 | 92 | 640 | 85 | 910 | 7 | 408 | 1201 | 64 | 77.48 | 69.5 | 186 | 13 | 291 | 1700 | 256 | 1195 | 441 | 64 | 187 | 171 | 129 | 158 | 156 | 165 | 156 | 44 | 3 | 3 | 6.0 | 13517 |
| 1874 | 2153 | 1639 | 75 | 713 | 68 | 936 | 7 | 514 | 1342 | 54 | 81.88 | 72 | 127 | 10 | 234 | 1800 | 236 | 1251 | 394 | 120 | 183 | 167 | 111 | 144 | 149 | 159 | 146 | 41 | 2.7 | 5.6 | 15612 |
| 1875 | 2357 | 1841 | 85 | 799 | 72 | 1022 | 13 | 516 | 1412 | 57 | 76.70 | 67 | 189 | 16 | 285 | 1989 | 233 | 1565 | 336 | 88 | 199 | 165 | 132 | 145 | 166 | 156 | 176 | 31 | 2.8 | 5.2 | 16993 |
| 1876 | 2560 | 1906 | 92 | 900 | 82 | 1096 | 10 | 654 | 1621 | 45 | 85.04 | 48.9 | 150 | 20 | 245 | 2096 | 242 | 1696 | 308 | 92 | 210 | 173 | 163 | 148 | 185 | 160 | 182 | 36 | 3.2 | 5.7 | 17292 |
| 1877 | 2131 | 1657 | 110 | 863 | 103 | 794 | 7 | 474 | 1339 | 57 | 80 80 | 51.8 | 130 | 20 | 147 | 1847 | 278 | 1270 | 339 | 48 | 194 | 184 | 135 | 168 | 164 | 175 | 178 | 33 | 2.8 | 5.5 | 18004 |
| 1878 | 2275 | 1794 | 63 | 946 | 58 | 848 | 5 | 481 | 1461 | 45 | 81.43 | 71.4 | 134 | 12 | 200 | 1950 | 238 | 1578 | 334 | 38 | 187 | 182 | 132 | 154 | 165 | 168 | 170 | 34 | 2.8 | 5.2 | 18744 |
| 1879 | 2310 | 1813 | 76 | 979 | 63 | 834 | 13 | 497 | 1462 | 46 | 80.63 | 60.5 | 143 | 12 | 222 | 1971 | 230 | 1577 | 352 | 42 | 188 | 164 | 131 | 150 | 163 | 157 | 165 | 30 | 2.8 | 5.1 | 18960 |
| 1880 | 2701 | 2123 | 51 | 1117 | 46 | 1006 | 5 | 578 | 1731 | 32 | 81.53 | 62.7 | 151 | 6 | 351 | 2284 | 202 | 1864 | 371 | 45 | 188 | 159 | 156 | 146 | 170 | 152 | 165 | 35 | 2.5 | 4.5 | 20566 |
| 1881 | 2780 | 2106 | 66 | 1074 | 57 | 1032 | 9 | 680 | 1853 | 37 | 82.19 | 56 | 189 | 14 | 391 | 2270 | 220 | 1835 | 419 | 26 | 195 | 161 | 139 | 147 | 166 | 150 | 168 | 39 | 2.79 | 4.41 | 18443 |
| 1882 | 2587 | 2147 | 82 | 1127 | 73 | 1020 | 9 | 440 | 1775 | 47 | 87.83 | 57.3 | 177 | 8 | 348 | 2302 | 237 | 1876 | 399 | 12 | 195 | 166 | 143 | 149 | 168 | 156 | 167 | 35 | 2.84 | 4.41 | 16304 |
| 1883 | 2460 | 2020 | 109 | 1035 | 93 | 985 | 16 | 440 | 1664 | 63 | 82.33 | 53.8 | 181 | 17 | 432 | 2185 | 276 | 1633 | 473 | 79 | 189 | 171 | 143 | 151 | 168 | 164 | 168 | | 2.75 | 4.80 | *7102 |
| 1884 | 2494 | 2096 | 113 | 1043 | 95 | 1053 | 18 | 398 | 1685 | 57 | 80.39 | 50.4 | 191 | 17 | 397 | 2310 | 278 | 1815 | 448 | 47 | 186 | 175 | 129 | 154 | 165 | 166 | 159 | 40 | 3 | 4.14 | 14824 |
| 1885 | 2636 | 2327 | 95 | 1178 | 84 | 1149 | 11 | 299 | 1945 | 62 | 85.38 | 65.3 | 192 | 17 | 443 | 2472 | 270 | 2044 | 382 | 46 | 184 | 185 | 147 | 159 | 167 | 171 | 166 | 26 | 2.38 | 4.08 | 17016 |
| 1886 | 2686 | 2580 | 93 | 1313 | 85 | 1267 | 8 | 106 | 2100 | 68 | 81.39 | 73.1 | 192 | 14 | 471 | 2756 | 263 | 2283 | 409 | 64 | 206 | 191 | 133 | 167 | 173 | 169 | 178 | 30 | 2.78 | 3.72 | 17925 |
| 1887 | 2876 | 2814 | 75 | 1376 | 66 | 1438 | 9 | 62 | 2259 | 46 | 80.24 | 61.3 | 245 | 17 | 490 | 3015 | 242 | 2523 | 429 | 45 | 217 | 176 | 150 | 157 | 185 | 160 | 196 | 40 | 2.90 | 3.57 | 18981 |
| 1888 | 3339 | 3256 | 105 | 1650 | 86 | 1606 | 19 | 83 | 2661 | 63 | 81.72 | 60. | 277 | 23 | 496 | 3455 | 269 | 2731 | 553 | 154 | 215 | 171 | 156 | 157 | 193 | 164 | 194 | 42 | 2.16 | 3.46 | 19472 |

*Out-patient Department open only five months.

## TABLE No. 23.

TABLE SHOWING THE COST OF PRINCIPAL STORES AT McLEAN ASYLUM.

| Articles. | 1885. | | | 1886. | | | 1887. | | | 1888. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. |
| Beef, . . . . . lbs., | 71,169 | $9,350.98 | .1313 | 72,269 | $9,377.03 | .1298 | 76,333 | $8,762.60 | .1136 | 79,352 | $9,714.96 | .1224 |
| Mutton and Lamb, " | 26,865 | 2,288.99 | .0852 | 27,142 | 2,614.26 | .0962 | 28,694 | 2,574.84 | .0897 | 27,980 | 2,761.69 | .0986 |
| Veal, . . . . . " | 11,747 | 1,218.43 | .1037 | 14,977 | 1,590.73 | .1062 | 10,799 | 1,162.19 | .1076 | 14,842 | 1,578.40 | .1064 |
| Poultry. . . . . " | 14,300 | 2,716.52 | .189 | 15,453 | 2,674.98 | .172 | 15,565 | 2,802.43 | .180 | 16,868 | 2,827.85 | .167 |
| Ham, etc., . . . " | 13,105 | 1,358.58 | .103 | 13,292 | 1,460.57 | .109 | 13,093 | 1,512.56 | .115 | 12,878 | 1,466.73 | .113 |
| Eggs, . . . . . doz., | 11,046 | 2,402.08 | .216 | 11,193 | 2,339.44 | .209 | 10,888 | 2,258.75 | .207 | 10,832 | 2,352.07 | .217 |
| Lard, . . . . . lbs., | 1,724 | 144.26 | .083 | 1,471 | 114.26 | .077 | 2,015 | 169.56 | .084 | 2 346 | 222.79 | .094 |
| Flour, . . . . . bbls., | 528 | 2,901.42 | 5.49 | 512 | 2,728.73 | 5.32 | 530 | 2,728.62 | 5.13 | 551 | 2,832.16 | 5.14 |
| Butter, . . . . lbs., | 22,738 | 5,014.07 | .220 | 20,931 | 4,650.73 | .222 | 21,320 | 4,756.39 | .223 | 19,225 | 4,448.85 | .231 |
| Coffee, . . . . " | 3,162 | 714.18 | .234 | 3,336 | 691.16 | .207 | 3,361 | 822.04 | .244 | 3,333 | 812.52 | .243 |
| Tea, . . . . . " | 1,286 | 433.42 | .337 | 1,188 | 389.00 | .327 | 1,264 | 394.08 | .311 | 1,274 | 383.51 | .301 |
| Sugar, . . . . " | 29,404 | 1,891.91 | .064 | 28,996 | 1,824.45 | .063 | 28,373 | 1,712.08 | .060 | 31,665 | 2,210.40 | .069 |
| Lights, Gas, etc., feet. | ..... | 2,978.91 | ..... | ..... | 2,693.02 | ..... | ..... | 2,957.27 | ..... | ..... | 3,089.74 | ..... |
| Coal, . . . . . tons, | $1,190\frac{530}{2000}$ | 6,297.49 | 5.29 | $1,328\frac{155}{2000}$ | 7,087.31 | 5.34 | $1,332\frac{1616}{2000}$ | 7,145.92 | 5.36 | $1,375\frac{1970}{2000}$ | 8,856.03 | 6.436 |
| Wood, . . . . cords, | $10\frac{1}{2}$ | 70.88 | 6.75 | 20 | 140.00 | 7.00 | $10\frac{1}{2}$ | 84.00 | 8.00 | $10\frac{1}{2}$ | 73.50 | 7.50 |
| Ice, . . . . . tons, | $426\frac{500}{2000}$ | 955.49 | 2.241 | $473\frac{600}{2000}$ | 1,088.56 | 2.30 | $554\frac{1300}{2000}$ | 1,275.66 | 2.10 | $462\frac{300}{2000}$ | 1,062.94 | 2.30 |

## McLean Asylum Training School for Nurses.

The Trustees of the Massachusetts General Hospital, having established at the McLean Asylum for the Insane a school for nurses, offer to give to men and women desirous of becoming professional nurses a two years' course of training in general nursing, with special reference to the care of cases of nervous and mental disease.

Those wishing to receive such a course of instruction must apply to the Superintendent of the McLean Asylum, Somerville, Mass.

The most desirable age for candidates is from twenty-one to thirty-five years. *They must be in sound health, and must send with their application a certificate from a physician certifying to the fact; also, one from some responsible person as to their good character and good health.* Upon the recommendation of the Superintendent of the Asylum and the approval of the Trustees, they will be received for two months on probation, at the expiration of which time they will, if accepted, sign an agreement to complete the prescribed course of two years.

The Superintendent of Nurses has charge of the Training School, under the authority of the Superintendent of the Asylum and of the Board of Trustees; and the nurses are subject to the rules of the Asylum. Their fitness for the work and the propriety of retaining or dismissing them at the end of the two months of trial are determined by the authorities in charge of the School, under the direction of the Trustees; and the same authorities can

in like manner discharge them at any time in case of misconduct or inefficiency. They reside in the Asylum, and serve as assistant nurses in its wards.

All nurses are required to be sober, honest, truthful, trustworthy, punctual, quiet, orderly, cleanly, neat, patient, kind, and cheerful.

The instruction includes the general care of the sick; the managing of helpless patients in bed, in moving, changing bed and body linen, making of beds, etc.; giving baths, keeping patients warm or cool, preventing and dressing bed sores; bandaging, applying of fomentations, poultices, and minor dressings; the preparing and serving of food, the feeding of helpless patients and those who refuse food; the administering of enemas and use of the catheter; attendance upon patients requiring diversion and companionship; the observation of mental symptoms, delusions, hallucinations, delirium, stupor, etc., and the care of excited, violent, and suicidal patients.

They are also given instruction in the best practical methods of supplying fresh air, warming and ventilating sick-rooms in a proper manner, and are taught to take proper care of rooms and wards, in keeping all utensils perfectly clean and disinfected, etc.; to observe the sick accurately in regard to the state of the secretions, pulse, breathing, skin, temperature, sleep, appetite, effect of diet, of stimulants, and medicine; the giving of massage; and the managing of convalescents.

Instruction will also be given in the modern methods of physical training, by the use of free movements and the usual apparatus, in a gymnasium provided for the patients. The nurses are taught the medical application of physical exercise. Each nurse is required to have a gymnasium costume: the material for the dress will be furnished, at moderate cost, by the Asylum.

The instruction is given by the Superintendent of the Training School, and by the Supervisors and Head Nurses. Lectures and demonstrations will be given, at stated periods, by the Asylum Medical Staff. Examinations, chiefly upon practical points, take place from time to time.

The pupils are employed as assistant nurses in the wards of the Asylum. Women will be paid twelve dollars ($12) per month during the first year, and fifteen dollars ($15) per month during the second year, for their clothing and personal expenses. Men will be paid twenty-three dollars ($23) per month during the first year, and twenty-five dollars ($25) per month during the second year. Their education during this time is considered as compensation for their services. Women graduates will be paid twenty-five dollars ($25) per month; men graduates, twenty-seven dollars ($27) and thirty dollars ($30) per month, according to length of service.

The men and women are required to wear at all times, while on duty in the wards, the asylum uniform.

When the full term of two years is completed, the nurses thus trained receive (after final examinations) diplomas certifying to their period of training, their proficiency and good character.

The right is reserved to terminate the connection of any nurse or pupil with the School, for any reason which may be deemed sufficient.

A female graduate of this School, who wishes to have additional practical experience and instruction in general nursing, has the privilege, under certain restrictions, of entering the Boston Training School for Nurses at the Massachusetts General Hospital. Such graduates will, after one year's satisfactory study, receive the diploma from that School, in addition to the diploma received from the McLean Asylum Training School.

*N.B.— This paper to be filled in (in the Candidate's own handwriting), and sent to the Superintendent of McLean Asylum, Somerville, Mass.*

## QUESTIONS TO BE ANSWERED BY CANDIDATE.

1. Name in full of Candidate. . . . . .
2. Are you single, widow, or widower? . . . . . .
3. Your present occupation or employment? . . . . . .
4. Age last birthday, and date and place of birth? . . . . . .
5. Height? . . . . . Weight? . . . . . .
6. In what school or schools educated, and in what place? . . . . . .
7. Are you strong and healthy, and have you always been so? . . . . . .
8. Are your sight and hearing perfect? . . . . . .
9. Have you any physical defects? . . . . . .
10. Have you any tendency to pulmonary complaint? . . . . . .
11. If a widow or widower, have you children? How many? Their ages? How are they provided for? . . . . . .
12. Are you otherwise free from domestic responsibility, so that you are not liable to be called away? . . . . . .
13. Where (if any) was your last situation, and how long were you in it? . . . . . .
14. Have you ever been in any Training School or employed in any hospital or asylum? If so, where and how long in each place? . . . . . .
15. The names in full and addresses of two persons, not of your own kindred, to be referred to. State how long each has known you. If previously employed, one of these must be the last employer.

    Name, . . . . . .
    Address, . . . . . .
    has known me years.

    Name, . . . . . .
    Address, . . . . . .
    has known me years.

*Having read, and clearly understanding and agreeing to the foregoing conditions and regulations, I declare the above statement to be correct.*

*Signed,* . . . . . .
Candidate.

*Present Address,* . . . . . .

*Nearest Telegraph Office,* . . . . . .

*Date,* . . . . 188 . . . . . .

## COURSE OF INSTRUCTION.

### JUNIOR YEAR.

A Manual for Hospital Nurses, . . . . . *Domville*
Physiology and Hygiene (to the Nervous System), . *Hutchison*
A Manual of Nursing, Medical and Surgical, . . . *Cullingworth*
Notes on Fever Nursing, . . . . . *Allan*
A Text-book of Nursing, . . . . . *Weeks*
What to do first in Emergencies, . . . . . *Dulles*
Practical instruction in massage (twelve lessons).
Instruction in the ward by the Supervisor and Superintendent of Nurses.
A Lecture each week, First Assistant Physician.

### SENIOR YEAR.

Physiology and Hygiene (completed), . . . . . *Hutchison*
A Text-book of Nursing (completed), . . . . . *Weeks*
A Short Manual for Monthly Nurses, . . . . . *Cullingworth*
Accidental Injuries, . . . . . *Cantlie*
Hand-book for Hospitals (selections),
*State Charities Aid Association, N. Y.*
Hand-book for the Instruction of Attendants on the Insane,
*Sub-com. British Med.-Psych. Association.*
Practical instruction in cooking (six lessons).
Instruction in the wards by the Supervisor and Superintendent of Nurses.
A Lecture each week, Superintendent.

## ORDER OF EXERCISES, 1888–89.

### WOMEN.

Monday.

| | | |
|---|---|---|
| 10.30 A.M. | Instruction in Physical Training, . | Miss ADAMS |
| 11.00 A.M. | Junior Class (1st Div.), Massage, | Miss WOODWARD |
| 4.15 P.M. | Senior Class, Recitation, . . | Miss WOODWARD |
| 7.00 P.M. | Junior Class, Recitation, . . . . | Miss ALLEN |
| 8.00 P.M. | Junior Class (2d Div.), Massage, . | Miss ROWE |

Tuesday.

| | | |
|---|---|---|
| 11.00 A.M. | Junior Class (3d Div.), Massage, . | Miss ROWE |
| 4.15 P.M. | Senior Class, Lecture, . . . . . | Dr. COWLES |

Wednesday.

| | | |
|---|---|---|
| 10.30 A.M. | Instruction in Physical Training, . | Miss ADAMS |

Thursday.

2.00 P.M. Senior Class (1st or 2d Div.), Cooking, . . . . . Miss MAYNARD

4.15 P.M. Junior Class, Lecture, . . . . . Dr. TUTTLE

Friday.

10.30 A.M. Instruction in Physical Training, . Miss ADAMS

4.15 P.M. Junior Class (1st and 2d Div. on alternate weeks, from Feb. 1), Care of Sick Patients in Bed, Poulticing, etc., . . . . . Miss BOURKE

7.30 P.M. Senior Class (4th Div.), Massage, Miss WOODWARD

Saturday.

11.00 A.M. Junior Class (1st Div.)

4.00 P.M. Junior Class (2d Div.) On alternate weeks, from Feb. 2, Bandaging, . . . . . Dr. LOCKE

MEN.

Monday.

4.15 P.M. Junior Class, Recitation, . . . . Dr. BABCOCK

8.00 P.M. Senior Class (2d Div. from Feb. 4), Massage, . . . . . Dr. TUTTLE

Tuesday.

4.15 P.M. Senior Class, Lecture, . . . . . Dr. COWLES

Wednesday.

4.15 P.M. Junior Class, Lecture, . . . . . Dr. TUTTLE

Thursday.

11.00 A.M. Junior Class (1st Div.)

4.00 P.M. Junior Class (2d Div.) On alternate weeks from Feb. 7, Bandaging, . . . . . Dr. LOCKE

2.00 P.M. Senior Class (1st or 2d Div.), Cooking, Miss MAYNARD

Friday.

11.00 A.M. Junior Class (1st Div.)

4.00 P.M. Junior Class (2d Div.) On alternate weeks, from Feb. 1, Care of Sick Patients in Bed, Poulticing, etc., . . . . . Mr. OBER

4.15 P.M. Senior Class, Recitation, . . . . Dr. BABCOCK

8.00 P.M. Senior Class (1st Div. from Feb. 1), Massage, . . . . . Dr. BABCOCK

# PATHOLOGICAL REPORT.

EXAMINATIONS BY W. W. GANNETT, M.D., PATHOLOGIST.

CASE I.— Myxœdema. Fifteen years duration. Acute mania in tenth year; recovery in two years, followed by increased weakness of body and mind. Chronic diffuse nephritis in twelfth year, lasting until death from gradual asphyxia. Female, aged forty-eight.

Diagnosis: General œdema; slight œdema of pia; slight atrophy of brain; slight granular ependymitis; idiopathic hypertrophy of heart; hydrothorax; partial atelectasis of lung; emphysema; chronic diffuse nephritis; fatty infiltration of liver; chronic endarteritis.

Autopsy nine hours after death. Body large, well developed, and well nourished. Thick panniculus adiposus. Hair of head and pubes thin. Œdema of subcutaneous tissue throughout body. Skin of face and eyelids smooth, œdematous, translucent, and very soft to feel. Deep portions of pericranial tissues œdematous. Calvaria and dura not remarkable. Meshes of pia contained small amount of thin, clear fluid. Pia itself thin and delicate. Brain nearly filled cavity of skull, and weighed 1,088 grms.

Vessels at base and of fissure of Sylvius were thin and delicate. Lateral ventricles contained each a few cc. of thin clear fluid; ependyma of fourth ventricle slightly granular and warty. Brain substance in general quite firm; cortex generally slightly thinned; white matter showed puncta cruenta of usual size. Section of basal ganglia, pons, medulla, and cerebellum showed nothing abnormal. Pia everywhere separable from brain substance. Cord in gross showed nothing abnormal. Heart enlarged about one-third; left side empty and contracted; right side distended with dark fluid blood; aortic and pulmonic valves sufficient; mitral admitted three finger-tips; tricuspid, four; valves and cavities not remarkable; muscular wall of left ventricle about half again usual thickness and of very firm consistency. Left coronary artery showed numerous patches of endarteritis, not diminishing the lumen. Left pleural cavity contained half a litre of clear fluid; right, fifty cc. Upper lobe of left lung collapsed and atelectatic;

remaining portions of lungs emphysematous. Spleen of usual size, color, and density; on section showed nothing abnormal.

Both kidneys were reduced about one-third in size; of the usual color; density increased; capsule removed with difficulty, leaving a slightly granular surface beneath. On section, the cortex and medulla were both somewhat reduced in thickness, showing here and there grayish specks (calcified glomeruli). There were also numerous gray, translucent areas, with here and there a few opaque, yellowish areas. Both ovaries showed presence of a few dilated Graffian vesicles; otherwise not remarkable. Gastro-intestinal tract normal. Liver enlarged about one-third; edges rounded; of a yellow color, with here and there small depressions; doughy consistency. On section, peripheral portion of acini, yellow; central portion, red. Pancreas apparently normal. Aorta showed in intima — particularly of abdominal portion — opaque, yellow, elevated plates. Right lobe of thyroid about usual size; left, diminished; substance of gland, pale gray; glandular substance had apparently disappeared.

Microscopic examination. Neither in the brain nor in the cord could anything abnormal be detected. No skin was removed from the face, owing to the deformity that would result thereby, but portions were removed from just behind the ear, from above the clavicle, and from the abdomen. These were hardened in Mueller's fluid and in alcohol, and microtome sections made from them. Examination of these sections failed to show any appearances varying from the normal. Microscopic examination failed to show any trace of thyroid glandular substance. There were masses of connective tissue, which may have formed part of this gland; but no trace of gland tissue could be found.

Case II.— Melancholia. Three years duration. Complained of pressure, throbbing, and explosions in the head. Much agitation; delusions; suicidal; attacks of unconsciousness,— the third followed by coma and death. Female, aged fifty-seven.

Diagnosis: Chronic internal hemorrhagic pachymeningitis; hemorrhage into space between dura and pia; idiopathic hypertrophy of left ventricle of heart; slight degree of chronic interstitial nephritis; dilatation of aorta; multiple fibro-myomata of uterus.

Autopsy forty-eight hours after death. Body of medium size and fairly well developed, markedly emaciated. Ratio of cranium to face and head to body normal. Nothing unusual observed about calvaria; readily separated from dura. Inner side of left

dura covered by false membrane, in which extensive hemorrhage had occurred. Between dura and pia coagulated and fluid blood, sufficient in amount to separate dura from pia to an extent of a centimetre and a half. Pia everywhere delicate; its meshes contained no fluid. Brain filled cavity of skull; in general, of firm consistency, and weighed 1,400 grms.; ventricles normal; gray cortex everywhere of usual thickness; white substance firm; puncta cruenta numerous. Section of basal ganglia, pons, medulla, and cerebellum showed nothing abnormal. Pia readily separated from brain substance. Other pathological conditions as described in the diagnosis.

Nothing abnormal was discovered on the microscopic examination of the brain.

Case III.— Senile insanity. Six years duration. Loss of memory; confusion; great irritability; apoplectiform seizures; death from exhaustion. Female, aged ninety.

Diagnosis: Ducubitus; senile atrophy of calvaria; chronic leptomeningitis; chronic atrophy of brain; chronic endarteritis of cerebral vessels; passive dilatation of ventricles; circumscribed softening of left nucleus caudatus; chronic valvular endocarditis; hypertrophy of left ventricle of heart; chronic adhesive pleurisy; chronic vesicular emphysema; acute diffuse purulent bronchitis; circumscribed broncho-pneumonia; senile atrophy of spleen and kidneys; chronic interstitial nephritis of moderate degree; cystic obstruction and dilatation of vermiform appendix; chronic endaortitis.

Autopsy thirteen hours after death. Body medium size, well developed, much emaciated. Bed-sore over right ilium, of small size. Ratio of head to body and cranium to face normal. Calvaria everywhere thin, markedly so over posterior parietal regions, where it was not more than 1 mm. in thickness. Dura everywhere intimately adherent to calvaria; sinuses contained dark blood. Pia showed milky opacities along sulci; its meshes contained clear fluid. Brain did not fill cavity of skull; weight, 1,248 grms. Vessels of base and fissure of Sylvius were extensively calcified, tubes being rigid. Lateral ventricles contained each about 30 cc. clear fluid, and were half again their usual size; ependyma tough, but not granular. Brain substance in general quite pale, of firm leathery consistency; gray matter thin, but very uniformly so; puncta cruenta few and small. Of left nucleus caudatus, only anterior and posterior tips remained. The intervening portion was represented by a depression having a yel-

low tint. On section, it was found that all the middle portion of left nucleus lentiformis down to inner capsule had disappeared, the base being ragged and of yellow color. Section of remaining portion of basal ganglia, together with pons and medulla, showed no abnormal appearances. Pia everywhere separable from brain substance. Cord everywhere of small diameter, the diminution being uniform. Section of cord showed nothing abnormal. Condition of other organs as described in the diagnosis.

Microscopic examination. Pia normal. Slight atrophy of cortex. There was an occasional spider-cell in the first layer of the cortex. Considerable pigment in the ganglion cells of the third layer and a small amount of pigment in the adventitial sheaths of the blood-vessels. The vessels otherwise normal. Cord: a slight thickening of the vessel walls and an unusual degree of pigmentation of the ganglion cells.

Case IV.— Melancholia. Duration about eight months. Procidentia of uterus. Delusions; suicidal. Death from embolism. Female, aged fifty-eight.

Diagnosis: Cystic œdema of pia; slight degree of atrophy of brain; hypertrophy and dilatation of heart; acute ulcerative endocarditis; insufficiency of aortic valves; slight degree of stenosis of mitral orifice; fatty degeneration of muscular substance of heart; double hydrothorax; œdema and slight atelectasis of lungs; acute fibrinous perispleenitis; necrosis of spleen, with circumscribed coagulation; embolism of renal artery; thrombosis of renal vein; chronic interstitial nephritis; cloudy swelling of kidneys; multiple embolic abscesses of kidney; chronic calculous pyelitis of left kidney.

Autopsy twenty hours after death. Body of medium size, well developed, and well nourished. Lividity of dependent portions. Rigor mortis present. Ratio of head to body and cranium to face normal. Calvaria and dura showed nothing remarkable. Pia everywhere thin and delicate; its meshes contained a moderate amount of clear fluid, with here and there collections of small cysts in the sulci. Brain did not quite fill cavity of skull, and weighed 1,148 grms. Vessels at base and in fissure of Sylvius everywhere thin-walled and delicate. Ventricles of normal size; ependyma everywhere smooth and shining. Brain substance in general quite firm; cortex of usual thickness, of slight pinkish tint; puncta cruenta of white substance numerous and large. Section of basal ganglia, pons, medulla, and cerebellum showed no appearance worthy of special note. Pia readily separable from brain substance. Condition of other organs described in

the diagnosis. Microscopic examination of the brain showed nothing abnormal.

Case V.— General Paralysis. Duration, nine years. Change of character; progressive dementia; delusions of great wealth; exaggerated patella reflex; unequal pupils; ataxic gait. Death from pleurisy. Male, aged thirty-three.

Diagnosis: Œdema of pia; slight degree of chronic leptomeningitis; chronic meningo-encephalitis; atrophy of brain; chronic granular ependymitis; dilatation of ventricles; acute fibrinoserous pleurisy; circumscribed gangrene of lung; cloudy swelling of kidneys; slight degree of fatty infiltration of liver.

Autopsy twenty-five hours after death. Body large, well developed, and well nourished. Lividity of dependent portions. Rigor mortis present. Ratio of head to body and cranium to face apparently normal. Cranium meso-cephalic. Slight depression over left coronal suture, by estimate 6 cc. from middle line, corresponding to a cicatrix on scalp. Calvaria slightly increased in thickness from increase in the diploë, and readily separable from dura. Dura translucent; sinuses contained a moderate quantity of blood; inner surface smooth and shining. Pia showed slight degree of opacity along the vessels; meshes contained a moderate amount of clear fluid. Brain did not fill cavity of skull; weighed 1,247 grms. Considerable clear fluid escaped during its removal. Vessels of base and in fissure of Sylvius everywhere thin-walled and delicate. Lateral ventricles, each about five times the usual size, contained a clear fluid; ependyma of all ventricles thickened, granular, and warty. Section of brain substance in general showed it to be firm, rather pale gray, the cortex slightly, but uniformly, thinned, puncta cruenta few and small. Basal ganglia, pons, medulla, and cerebellum showed no abnormal appearances. Pia, when removed from convolutions anterior and posterior to fissure of Rolando, tore away with it portions of brain substance. Cord throughout was quite firm. Right lateral column throughout showed a varying degree of translucency, which was most marked in the middle dorsal region. Other pathological conditions as described in the diagnosis.

Microscopic examination of pia showed extensive round-cell infiltration; vessels normal. First layer of cortex showed a very slight increase in the fine neuroglia fibres, with an occasional spider-cell. Blood-vessels throughout cortex showed thickening of walls, in part due to hyaline change in wall, in part to round-cell infiltration of adventitia. Considerable pigment in adventitial lymph-spaces. Perivascular lymph-spaces in many places dilated. Nothing abnormal detected in the cord.

## OFFICERS OF THE INSTITUTION.

### 1889.

---

*President.*

CHARLES H. DALTON.

*Vice-President.*

GEORGE HIGGINSON.

*Treasurer.*

FRANKLIN HAVEN, Jr., 28 State Street.

*Secretary.*

THOMAS B. HALL, 75 State Street.

*Trustees.*

SAMUEL ELIOT, *Chairman*, 44 Brimmer Street.
* FREDERICK L. AMES, 47 Equitable Building.
* CHARLES V. BEMIS, Medford, Mass.
E. FRANCIS BOWDITCH, Framingham, Mass.
EDMUND DWIGHT, 50 State Street.
WILLIAM ENDICOTT, Jr., 32 Beacon Street.
* DAVID P. KIMBALL, 35 Congress Street.
THORNTON K. LOTHROP, 8 Congress Street.
* THOMAS E. PROCTOR, 106 High Street.
NATHANIEL THAYER, 21 Sears Building.
DAVID R. WHITNEY, 85 Devonshire Street.
ROGER WOLCOTT, 53 Tremont Street.

*Board of Consultation.*

HENRY I. BOWDITCH, M.D.
ALGERNON COOLIDGE, M.D.
D. H. STORER, M.D.
FRANCIS MINOT, M.D.
MORRILL WYMAN, M.D.
GEORGE C. SHATTUCK, M.D.
RICHARD M. HODGES, M.D.
SAMUEL L. ABBOT, M.D.

* Appointed by the Governor of the Commonwealth.

## OFFICERS OF THE HOSPITAL.

*Resident Physician.*

JOHN W. PRATT, M.D.

*Visiting Physicians.*

GEORGE G. TARBELL, M.D.
WM. L. RICHARDSON, M.D.
EDWARD N. WHITTIER, M.D.
FREDERICK C. SHATTUCK, M.D.
REGINALD H. FITZ, M.D.
ELBRIDGE G. CUTLER, M.D.

*Visiting Surgeons.*

CHARLES B. PORTER, M.D.
JOHN COLLINS WARREN, M.D.
HENRY H. A. BEACH, M.D.
JOHN HOMANS, M.D.
ARTHUR T. CABOT, M.D.
MAURICE H. RICHARDSON, M.D.

*Physicians to Out-Patients.*

WILLIAM W. GANNETT, M.D.
CHARLES P. STRONG, M.D.
JAMES J. MINOT, M.D.
HERMAN F. VICKERY, M.D.
GEORGE M. GARLAND, M.D.
HAROLD C. ERNST, M.D.

*Surgeons to Out-Patients.*

JOHN W. ELLIOT, M.D.
FRANK B. HARRINGTON, M.D.
SAMUEL J. MIXTER, M.D.
OTIS K. NEWELL, M.D.

*Physician to Out-Patients with Diseases of the Skin.*

JAMES C. WHITE, M.D.

*Physicians to Out-Patients with Diseases of the Nervous System.*

JAMES J. PUTNAM, M.D.
GEORGE L. WALTON, M.D.

*Physicians to Out-Patients with Diseases of the Throat.*

FREDERICK I. KNIGHT, M.D.
S. W. LANGMAID, M.D.
FRANKLIN H. HOOPER, M.D.

*Ophthalmic Surgeon to Out-Patients.*

OLIVER F. WADSWORTH, M.D.

*Aural Surgeon.*

J. ORNE GREEN, M.D.

*Pathologist.*

REGINALD H. FITZ, M.D.

*Chemist.*

EDWARD S. WOOD, M.D.

*Artist.*

HENRY P. QUINCY, M.D.

**Medical and Surgical Assistants.**

*Assistant Pathologist.*

WILLIAM F. WHITNEY, M.D.

*Assistants for Diseases of the Nervous System.*

HENRY C. BALDWIN, M.D. CYRUS F. CARTER, M.D.

*Assistant to Ophthalmic Surgeon.*

FREDERICK E. CHENEY, M.D.

*Assistant for Diseases of the Throat.*

ALGERNON COOLIDGE, JR., M.D.

*Medical House Pupils,* 1888–89.

EDWARD M. GREENE. WILLIAM THAYER.

*Surgical House Pupils,* 1888–89.

CHARLES L. SCUDDER. HARDY PHIPPEN.
AUGUSTUS THORNDIKE. JOHN M. T. FINNEY.

*Matron.*

Miss G. L. STURTEVANT.

*Superintendent of Nurses.*

Miss MARIA B. BROWN.

*Apothecary.*

WILLIAM A. CAMERON.

## LADIES' VISITING COMMITTEE.

*January and February.*

Miss E. Gray. Miss E. Goodwin.

*March and April.*

Miss Teresa Dodge. Miss Ida G. Beal.
Mrs. N. Thayer.

*May.*

Mrs. John C. Gray. Mrs. Thomas E. Proctor.

*June.*

Mrs. John C. Gray. Mrs. S. Eliot.
Mrs. R. S. Russell.

*July, August, and September.*

Mrs. R. S. Russell. Miss J. Motley.

*August.*

Miss Anna Rotch.

*October.*

Mrs. Wm. L. Putnam. Miss J. Motley.

*November and December.*

Mrs. H. W. Haynes. Miss A. W. Morrill.

*General.*

Miss Martha Silsbee. Miss Clara T. Endicott.
Miss Gertrude Austin.

---

## STANDING COMMITTEES.

*Admitting Asylum Patients.*

Messrs. Dwight and Whitney.

*Finance.*

Messrs. Endicott and Kimball.

*Accounts and Expenditures.*

Messrs. Wolcott, Thayer, and Lothrop.

*Buildings and Repairs.*

Messrs. Dwight, Eliot, and Whitney.

*Free Beds.*

Messrs. Bowditch and Proctor.

*The General Library and Warren Fund.*

Messrs. Eliot and Whitney.

*Book of Donations.*

Dr. Bemis.

*Nominations.*

Messrs. Eliot, Bowditch, Wolcott, and Lothrop.

*New Asylum and Grounds.*

Messrs. Dwight, Eliot, Endicott, Bowditch, and Ames.

## OFFICERS OF THE McLEAN ASYLUM.

*Superintendent.*

EDWARD COWLES, M.D.

*1st Assistant Physician.*

GEORGE T. TUTTLE, M.D.

*2d Assistant Physician.*

JAMES W. BABCOCK, M.D.

*3d Assistant Physician.*

HORACE M. LOCKE, M.D.

*Pathologist and Assistant Physician.*

WILLIAM NOYES, M.D.

*Medical House Pupils.*

ADDISON S. THAYER. JOHN H. HUDDLESTON.
JOEL E. GOLDTHWAITE.

*Purveyor.*

JOHN P. BRADBURY.

*Superintendent of Nurses.*

Miss L. E. WOODWARD.

*Clerk.*

Miss F. E. GILBERT.

*Supervisors.*

GEORGE B. OBER. Miss ELLA M. ALLEN.

*Apothecary.*

F. W. WILLIS.

---

## VISITING COMMITTEE.

*January and July.*

Messrs. ENDICOTT and LOTHROP.

*February and August.*

Messrs. DWIGHT and BOWDITCH.

*March and September.*

Messrs. ELIOT and THAYER.

*April and October.*

Messrs. WHITNEY and AMES.

*May and November.*

Messrs. BEMIS and PROCTOR.

*June and December.*

Messrs. WOLCOTT and KIMBALL.

# SEVENTY-SIXTH ANNUAL REPORT

OF THE

# TRUSTEES

OF THE

# MASSACHUSETTS GENERAL HOSPITAL

AND

# McLEAN ASYLUM

## 1889

---

*Printed at the Expense of the Bowditch History Fund*

---

BOSTON
GEO. H. ELLIS, PRINTER, 141 FRANKLIN STREET
1890

# SEVENTY-SIXTH ANNUAL REPORT

OF THE

# TRUSTEES

OF THE

# MASSACHUSETTS GENERAL HOSPITAL

AND

# McLEAN ASYLUM

## 1889

---

*Printed at the Expense of the Bowditch History Fund*

---

BOSTON
GEO. H. ELLIS, PRINTER, 141 FRANKLIN STREET
1890

# SEVENTY-SIXTH ANNUAL REPORT OF THE TRUSTEES

OF THE

# MASSACHUSETTS GENERAL HOSPITAL

For the Year 1889.

---

The Committee of Trustees, to whom was referred the Treasurer's report with the other documents, including annual reports and tabular statements from the several departments of the institution, respectfully submit herewith the Seventy-sixth Annual Report.

The reports for the year record little that is new or novel in the history of the Hospital and Asylum. There have been progress and improvement, of course. Institutions like this cannot stand still. There must be either growth or decay. With the increase of population comes a corresponding increase in the number of those who are included in the scope of their beneficent operations. This necessitates constant enlargement and extension, and these changes bring with increasing facilities improved methods and instrumentalities for the alleviation of human suffering.

The accompanying reports show that as much progress has been made during the year as could have been expected with the means at disposal; but it also appears that contributions are needed, not only in small sums from persons of moderate means for the ordinary work of the Hospital and Asylum, but in larger gifts from the benevolent wealthy for permanent improvements in the plant.

From the accompanying reports, it will be found that during the year medical treatment has been furnished to 27,292 persons, an increase of 4,903 over the previous year. As usual, by far the larger part of these have been treated without charge,—22,939 being new out-patients treated at the Hospital. Of the remainder, 2,825 occupied free beds at the Hospital, 429 at the Convalescent Home, 9 at the Asylum, and 864 paid wholly or in part their cost to the Hospital or Asylum. Of the paying patients, 594 were inmates of the Hospital, 270 of the Asylum, and 3 of the Convalescent Home.

The entire cost of the work of the year was $304,-141.00, an increase of $19,818.82 from the previous year. It was divided as follows: Hospital, $146,-829.27; Asylum, $146,574.09; Convalescent Home, $10,737.64.

Of this amount, $163,019.43 came from paying patients, $136,318.30 from the McLean Asylum, $24,-824.13 from the Hospital, and $1,877 from the Convalescent Home. To these were added $102,612.53, income from various funds applicable, and $11,850, from free-bed subscriptions, leaving a deficit of $26,-659.04 to be drawn from the principal of the General Fund.

While it may be true that there is nothing alarming in the circumstance of a deficit, the ordinary expenditures having exceeded the income for the past seven years, the fact that the deficit for 1889 is larger than that of any previous year should not escape attention. In 1883 expenses exceeded income by $13,-296.47, in 1884 by $26,374.15, in 1885 by $8,833.03, in 1886 by $14,636.85, in 1887 by $18,772.14, in 1888 by $16,150.76, making a total of $124,405.81.

It will be found, upon examination, that the free-bed system, to which these deficits are due, has grown

very much out of proportion to the increase in the funds and subscriptions by which it is maintained,— the number of free beds having increased from 1,633 in 1883 to 2,825 in 1889. Attention was called to this feature in the Treasurer's statement in the Annual Report for 1887, and it was then suggested that a more rigorous scrutiny be made into the ability of patients to pay who applied to be supported without charge. An appeal was at the same time made for an increase in the yearly subscriptions, with the alternative of a reduction in the number of free patients. The whole amount received from "Free Bed Funds," including subscriptions, during the year, was $51,901.94. The cost of maintenance was $131,-216.80. Deficit for 1889, $79,314.86; for 1888, $69,-306.11.

In view of the fact that the yearly subscriptions for free beds were only $11,850 for 1889, a decrease of $250 from the previous year, the Trustees feel justified in reiterating that appeal with still greater urgency. The Trustees are satisfied that the abuses to which such benevolent enterprises are inevitably exposed are in this case confined to the narrowest limits; and they accordingly appeal with confidence for a more generous support, that the scope of this beneficent work may be enlarged rather than restricted.

Donations and legacies to the amount of $41,526.77 have been received during the year. From the same source in 1888, the receipts were $77,205.21, of which $50,000 came from Miss Helen C. Bradlee as a memorial to her brother, the late J. Putnam Bradlee, and was devoted to building the Bradlee Ward and Theatre.

The donations and legacies for the year were as follows: —

| | |
|---|---|
| Bequest of George Higginson for patients at the Asylum, | $10,000.00 |
| Bequest of Stanton Blake, | 10,000.00 |
| Bequest of Sidney Bartlett for free beds, | 10,000.00 |
| Donation of Lydia B. Taft and O. A. Taft to "Surgical Instrument Fund," | 100.00 |
| Donation of P. K. to "Wooden Leg Fund," | 100.00 |
| Residue of bequest of Ella Roehl for free beds, | 885.02 |
| Donation of Mary Dow, under the will of James B. Dow, to be called "James B. and Mary Dow Fund for Free Beds," | 5,000.00 |
| Part of bequest of M. P. Sawyer for free beds, | 4,846.75 |
| Donation of Helen C. Bradlee for Convalescent Home, | 500.00 |
| Donation of Charles S. Bixby to "Surgical Instrument Fund," | 25.00 |
| Donation of Arthur T. Cabot to "Samuel Cabot Fund," balance of salary of Pathologist for 1888, | 70.00 |
| Total, | $41,526.77 |

There have been few changes in the Medical and Surgical Staff during the year. Dr. Harold C. Ernst has been appointed one of the Physicians upon the out-patient staff, Dr. George L. Walton as Physician to out-patients with diseases of the nervous system, and Dr. Franklin H. Hooper as Physician to out-patients with diseases of the throat.

During the year, the Vice-President of the corporation, Mr. George Higginson, long a faithful friend and efficient officer of the institution and one of its most liberal contributors, has died. At a meeting of the Trustees on May 3, 1889, the following minute was adopted: —

The Trustees desire to express their respect for the memory of George Higginson and their grateful appreciation of his long services as Trustee and Vice-President of the Hospital. His generous gifts and his high personal qualifications for serving the Hospital rendered him one of our chief benefactors.

During the year, a shop for the construction of surgical appliances has been built, for the equipment

of which the sum of $1,200 was appropriated. The old amphitheatre has been altered for the uses of a dining-room for nurses,— an improvement long needed, and which is highly appreciated. The electric lighting system operated by the Hospital plant is now complete and working successfully.

The Hospital Library is still in need of contributions, very few new books, and these mostly of a cheap class of novels, having been added to its shelves during the year.

The Trustees desire to call special attention to the fact that children, including infants, continue to be received and treated at the Hospital in all cases not excluded by standing rules.

The enlargement of the Gymnasium at the Asylum at a cost of $2,000, has been authorized. An appropriation of $600 has been made for the equipment of the Pathological Department at the Asylum, and one of $200 for lessons to the nurses in the Swedish Movement System.

So long as the present buildings and grounds are occupied by the McLean Asylum, it cannot be expected that this department will do more than keep up with similar institutions throughout the country in the quality of its work. It is a circumstance full of encouragement, however, that, notwithstanding the embarrassments under which the officials continue to labor, their conscientious devotion and singleness of purpose are sufficient to overcome all ordinary obstacles, so that the satisfaction is afforded them of reporting progress and improvement in some direction each year. New appliances for the comfort and entertainment of patients are constantly being added to the equipment, every new discovery of medical science in the treatment of the insane receives careful consideration, improved methods are tested, and, if

approved, at once adopted; while the long waiting for the new buildings at Belmont has been compensated for in some measure by the careful study of plans for their construction, promising, in what we hope is a near future, the happiest results.

The difficulties by which the institution is hampered in its present environment have been dwelt upon at length in previous reports, and need not be repeated here. It is enough to say that they are increasing each year,— in fact, growing to be an almost insurmountable obstacle to the best work. The Trustees believe that the charitably disposed can hardly find a more inviting field for their benefactions or one that promises a more adequate return, than in liberal contributions to the fund for new buildings at Belmont.

The securities and other evidences of property in the hands of the Treasurer have been examined and found correct.

FREDERICK L. AMES,
THORNTON K. LOTHROP,
*Committee.*

# REPORT OF THE TREASURER

OF THE

# MASSACHUSETTS GENERAL HOSPITAL.

---

TO THE BOARD OF TRUSTEES:

*Gentlemen*,— In accordance with the Fifth Article of the By-Laws, the report of the accounts of the Massachusetts General Hospital, made up to the last day of December, 1889, is respectfully submitted to be laid before the Corporation at its annual meeting.

*Dr.* FRANKLIN HAVEN, JR., *Treasurer, in account with the* MASSACHUSETTS GENERAL HOSPITAL. *Cr.*

| | | | |
|---|---|---|---|
| To Balance Cash on hand Dec. 31, 1888, | $23,099.13 | By Cash paid Insurance, | $1,437.64 |
| " Railroad Bonds sold, | 99,870.00 | " " " Annuitants, | 3,179.52 |
| " One-third profits Mass. Hospital Life Ins. Co., | 5,000.00 | " " " Annual Report, 1888, | 535.70 |
| " Donations and legacies, | 41,526.77 | " " " Taxes at Belmont, | 456.00 |
| " Income from investments, | 119,392.99 | " " " Expenses of Hospital, | 146,829.27 |
| " Notes Receivable, | 8,000.00 | " " " Expenses of Asylum, | 146,574.09 |
| " Board of paying patients at Asylum, | 136,318.30 | " " " Expenses of Convalescent Home, | 10,737.64 |
| " Board of paying patients at Hospital, | 24,824.13 | " " " Investments in real estate, | 106,748.55 |
| " Board of paying patients at Convalescent Home, | 1,877.00 | " " " Library, | 309.71 |
| " Subscribers for Free Beds ($5,125 received for this purpose in 1888), | 6,725.00 | " " " Wooden legs, | 355.00 |
| " Subscribers for Free Beds for 1890 in advance, | 6,500.00 | " " " Tramway, Hospital, | 5,936.75 |
| " Premiums on bonds sold, | 6,932.00 | " " " Electric Lighting, Hospital, | 10,224.54 |
| | | " " " Ward E and Theatre, Hospital, | 8,910.65 |
| | | " " " Warren Prize Fund, | 500.00 |
| | | " " " Dr. Cowles, | 4,183.47 |
| | | " " " Dr. Pratt, | 312.14 |
| | | " Balance Cash on hand Dec. 31, 1889, | 32,834.65 |
| | $480,065.32 | | $480,065.32 |

The expenses of carrying on the business of the Corporation for the year 1889 have been $304,141:—

| | | |
|---|---|---|
| On account of Hospital Department, . . . | $146,829.27 | |
| " " " McLean Asylum, . . . . . | 146,574.09 | |
| " " " Convalescent Home, . . . . | 10,737.64 | |
| | | $304,141.00 |

These expenses have been met from:—

| | | |
|---|---|---|
| Amount charged to patients, . . . . . | $163,019.43 | |
| Income from various funds applicable, . . . | 102,612.53 | |
| Subscriptions for Free Beds for 1889, . . . | 11,850.00 | |
| Deficit drawn from the General Fund, . . . | 26,659.04 | |
| | | $304,141.00 |

The expenses at the Hospital have exceeded the receipts $26,342.41; the expenses at Convalescent Home have exceeded the receipts $561.44; and the receipts at the McLean Asylum have exceeded the expenses $244.81, making a net deficit of $26,659.04.

TABLE No. 1.

HOSPITAL DEPARTMENT.

Expenses and receipts for the year 1889:—

| | | |
|---|---|---|
| Expenses at the Hospital (see Table 4), . . | | $146,829.27 |
| *Receipts.* | | |
| Income from Redman Fund (see Table 7), . | $27,306.78 | |
| " " Free Bed Funds (see Table 7), . | 40,051.94 | |
| " " Funds, income unrestricted (see Table 7), . . . . . | 2,700.00 | |
| " " General Fund (see Table 7), . | 13,754.01 | |
| " " Free Bed Subscriptions (see Table 8), . . . . . | 11,850.00 | |
| Amount charged to patients, . . . . . | 24,824.13 | |
| Deficit from General Fund, . . . . . | 26,342.41 | |
| | | $146,829.27 |

TABLE No. 2.

McLEAN ASYLUM.

## Expenses and receipts for the year 1889: —

| | | |
|---|---|---|
| Expenses at the Asylum (see Table 5), . . . | | $146,574.09 |
| *Receipts.* | | |
| Income from Fund for Beneficiaries, . . . . | $4,800.60 | |
| " " " " Female Beneficiaries, . | 5,100.00 | |
| " " Amusement Fund, . . . . . | 600.00 | |
| Amount charged to patients, . . . . . | 136,318.30 | |
| | | 146,818.90 |
| Balance of Receipts over Expenses credited to the General Fund, . . . . . | | $244.81 |

TABLE No. 3.

CONVALESCENT HOME.

## Expenses and receipts for the year 1889: —

| | | |
|---|---|---|
| Expenses at Convalescent Home (see Table 6), | | $10,737.64 |
| *Receipts.* | | |
| Income from Convalescent Home Fund, . . | $8,299.20 | |
| Amount charged to patients, . . . . . | 1,877.00 | |
| | | 10,176.20 |
| Balance of Expenses over Receipts charged to the General Fund, . . . . . | | $561.44 |

TABLE No. 4.

## Expenses of the Hospital Department: —

| | | |
|---|---|---|
| For Stores, . . . . . | $46,624.02 | |
| Gas and Oil, . . . . . | 1,040.35 | |
| Water and Ice, . . . . . | 3,266.96 | |
| Wages, . . . . . | 35,847.66 | |
| Medicine, . . . . . | 4,575.56 | |
| Furniture, . . . . . | 10,863.37 | |
| Surgical Instruments, . . . . . | 4,244.34 | |
| Stationery, . . . . . | 897.34 | |
| Wines and Liquors, . . . . . | 3,836.46 | |
| Salaries, . . . . . | 4,282.50 | |
| One-half General Expenses, . . . . . | 954.18 | |
| Fuel, . . . . . | 12,483.92 | |
| Contingencies, . . . . . | 2,357.18 | |
| Repairs, . . . . . | 15,555.43 | |
| | | $146,829.27 |

These expenditures have been for account of: —

| | | |
|---|---|---|
| 2,825 Free Patients for 9,620 weeks, . . . . | $131,216.80 | |
| 594 Paying Patients for 1,144 weeks, . . . | 15,612.47 | |
| | | $146,829.27 |
| The average number of patients was, in 1888, | 193 | |
| The average number of patients has been, in 1889, . . . . . | 207 | |
| The average cost per week in 1888 was . . . | $13.47 | |
| The average cost per week in 1889 has been . | 13.64 | |
| The total expenses were, in 1888, . . . . . | 135,229.47 | |
| The total expenses have been, in 1889, . . . | 146,829.27 | |
| The amount paid for account of free patients, | | $131,216.80 |
| The amount received for them has been: — | | |
| From Income of Free Bed Funds, . . . | $40,051.94 | |
| From Subscribers for this object . . . | 11,850.00 | |
| | | $51,901.94 |

The deficiency has been drawn in part from the income of the various funds applicable to the purpose, and the remainder from the General Fund.

TABLE No. 5.

EXPENSES OF THE ASYLUM DEPARTMENT.

| | | |
|---|---|---|
| For Stores, . . . . . | $43,053.83 | |
| Laundry, . . . . . | 9,527.38 | |
| Fuel, . . . . . | 7,506.05 | |
| Stationery, . . . . . | 415.56 | |
| Medicines and Liquors, . . . . . | 2,187.90 | |
| Contingencies, . . . . . | 2,458.17 | |
| Furniture, . . . . . | 8,245.39 | |
| Repairs, . . . . . | 14,560.30 | |
| Diversions, . . . . . | 1,484.72 | |
| Belmont Improvements, . . . . . | 1,375.37 | |
| Water and Ice, . . . . . | 3,124.47 | |
| Lights, . . . . . | 3,006.90 | |
| Wages, . . . . . | 31,441.06 | |
| Salaries, . . . . . | 10,503.16 | |
| One-half General Expenses, . . . . . | 954.17 | |
| Library, . . . . . | 600.00 | |
| Stables, . . . . . | 5,128.26 | |
| Garden, . . . . . | 2,512.88 | |
| Carriages, . . . . . | 217.00 | |
| | | $148,302.57 |
| Less Cr. Clothing, $249.34; Farm, $1,479.14, | | 1,728.48 |
| | | $146,574.09 |

These expenditures have been for account of: —

| | | |
|---|---|---|
| Patients paying cost and more, | | $27,974.52 |
| Patients paying less than cost, | | 118,599.57 |
| | | $146,574.09 |
| The average number of patients in 1888, | 164 | |
| The average number of patients in 1889, | 168 | |
| The average cost per week in 1888, | $15.98 | |
| The average cost per week in 1889, | 16.51 | |
| The total expenses in 1888, | | $139,178.98 |
| The total expenses in 1889, | | 146,574.09 |
| The amount expended at the Asylum for patients who have paid less than cost has been, | | $118,599.57 |
| The amount received has been: — | | |
| From patients, 7,142 weeks' board at less than cost, | $72,211.53 | |
| Income of Fund for Beneficiaries, | 4,800.60 | |
| Income of Funds for Female Beneficiaries, | 5,100.00 | |
| Income of Amusement Fund, | 600.00 | |
| | | 82,712.13 |
| | | $35,887.44 |

The deficiency has been more than met by patients paying more than cost, and a balance $244.81 credited to the General Fund.

TABLE No. 6.

EXPENSES OF THE CONVALESCENT HOME.

| | |
|---|---|
| For Stores, | $5,357.41 |
| Gas and Oil, | 61.92 |
| Furniture, | 361.42 |
| Wages, | 2,991.56 |
| Fuel, | 794.19 |
| Ice, | 147.90 |
| Repairs, | 473.54 |
| Contingencies, | 471.46 |
| Surgical Instruments, | 29.46 |
| Medicines, | 47.53 |
| Wines and Liquors, | 1.25 |
| | $10,737.64 |

| | | |
|---|---|---|
| Whole number of patients admitted during the year, males, | 229 | |
| Whole number of patients admitted during the year, females, | 202 | |
| | 431 | |
| Number of patients Jan. 1, 1889, | 19 | |
| | | 450 |

| | | |
|---|---|---|
| Whole number discharged during the year, | | 431 |
| Remaining, Jan. 1, 1890, males, | 16 | |
| Remaining, Jan. 1, 1890, females, | 3 | |
| | | 19 |

TABLE No. 7.

INCOME FROM INVESTMENTS.

| | |
|---|---|
| From Annuities Receivable, | $6,400.00 |
| City and Town Bonds, | 680.00 |
| Mass. Hospital Life Ins. Co. Stock, | 4,000.00 |
| Railroad Bonds, | 39,793.46 |
| Manufacturing Stocks, | 3,774.00 |
| Bank Stocks, | 5,445.08 |
| Real Estate, Productive, | 51,442.14 |
| Notes Receivable, | 5,499.20 |
| Interest, | 387.91 |
| Railroad Stocks, | 1,940.00 |
| Del. Mut. Ins. Co., | 31.20 |
| | $119,392.99 |

Which has been distributed as follows: —

| | | |
|---|---|---|
| To G. H. Gay Fund, | | $368.55 |
| Redman Fund, | | 27,306.78 |
| Warren Prize Fund, | | 214.80 |
| Bowditch History Fund, | | 120.00 |
| Wooden Leg Fund, | | 303.00 |
| Redman Annuities, | | 696.00 |
| Clara Barton Annuity, | | 194.46 |
| Surgical Instrument Fund, | | 84.00 |
| Amusement Fund, | | 600.00 |
| Free Bed Funds, { for use, | $40,051.94 | 40,651.94 |
| { for Joy Annuitants, | 600.00 | |
| Beneficiaries at Asylum Funds, | | 4,800.60 |
| Warren Library Fund, | | 60.00 |
| One-half Lincoln Fund,— Female Beneficiaries, | | 5,100.00 |
| Funds with Income Unrestricted, | | 2,700.00 |
| General Fund, | | 13,754.01 |
| Convalescent Home Fund, | | 8,299.20 |
| Asylum Building Fund, | | 11,919.65 |
| Whittemore Fund, | | 1,500.00 |
| Urbino Fund, | | 300.00 |
| Treadwell Library Fund, | | 300.00 |
| Samuel Cabot Fund, | | 60.00 |
| Hibbard Fund, | | 60.00 |
| | | $119,392.99 |

| | |
|---|---|
| The Income for 1887 was | $108,486.35 |
| The Income for 1888 was | 115,861.58 |
| The Income for 1889 has been | 119,392.99 |

## TABLE No. 8.

### SUBSCRIBERS FOR FREE BEDS FOR 1889.

| | | | |
|---|---|---|---|
| Oliver Ames & Sons' Corporation, | $100 | George Higginson, | $100 |
| C. W. Amory, | 100 | Miss E. Hooper, | 100 |
| William Amory, | 100 | E. W. Hooper, | 100 |
| D. H. Andrews, | 100 | George D. Howe, | 100 |
| Boston & Albany R.R. Co., | 500 | Francis W. Hunnewell, | 100 |
| Boston & Lowell R.R. Co., | 300 | Samuel Johnson, | 100 |
| Boston & Maine R.R. Co., | 500 | David P. Kimball, | 100 |
| Boston & Providence R.R. Co., | 100 | L. C. Kimball, | 100 |
| Mrs. E. B. Bowditch, | 200 | Amory A. Lawrence, | 100 |
| J. L. Bremer, | 100 | Mrs. Amos A. Lawrence, | 100 |
| Richard Briggs, | 100 | Mrs. Anna C. Lodge, | 100 |
| Martin Brimmer, | 100 | Thornton K. Lothrop, | 100 |
| P. C. Brooks, | 100 | Mrs. Thornton K. Lothrop, | 100 |
| Shepherd Brooks, | 100 | Theodore Lyman, | 100 |
| William S. Bullard, | 100 | Thomas Mack, | 100 |
| Mrs. Laura M. Case, | 100 | Miss Ida M. Mason, | 100 |
| J. Randolph Coolidge, | 100 | W. Powell Mason, | 100 |
| J. T. Coolidge, Jr., | 100 | Mass. Humane Society, | 200 |
| T. Jefferson Coolidge, | 100 | Mrs. Caroline Merriam, | 100 |
| T. Jefferson Coolidge, Jr., | 100 | Charles Merriam, | 100 |
| Mrs. Arthur Croft, | 100 | Miss M. C. Mixter, | 100 |
| Charles P. Curtis, | 100 | C. J. Morrill, | 100 |
| Greely S. Curtis, | 100 | N.Y. & N.E. R.R. Co., | 125 |
| Mrs. J. G. Cushing, | 100 | Old Colony R.R. Co., | 500 |
| F. Gordon Dexter, | 100 | F. W. Palfrey, | 100 |
| George Dexter, | 300 | F. H. Peabody, | 100 |
| Mrs. C. H. Dalton, | 100 | C. E. Perkins, | 100 |
| C. H. Dalton, | 100 | W. D. Pickman, | 100 |
| Edmund Dwight, | 100 | A. L. Rotch, | 100 |
| Samuel Eliot, | 100 | Mrs. B. S. Rotch, | 100 |
| William Endicott, Jr., | 100 | Henry Saltonstall, | 100 |
| Employers' Liability Assurance Corporation, Lim'd, | 100 | F. R. Sears, | 100 |
| Mrs. Elizabeth E. Fay, | 100 | Mrs. G. H. Shaw, | 100 |
| Henry H. Fay, | 100 | Henry S. Shaw, | 100 |
| Joseph S. Fay, | 100 | J. P. Squire & Co., | 200 |
| Joseph S. Fay, Jr., | 100 | Bayard Thayer, | 100 |
| Fitchburg R.R. Co., | 500 | Nathaniel Thayer, | 200 |
| John Foster, | 100 | George W. Wales, | 100 |
| George A. Gardner, | 100 | Mrs. Charles E. Ware, | 100 |
| John L. Gardner, | 200 | Otis E. Weld, | 100 |
| Joseph B. Glover, | 100 | Miss Anne Wigglesworth, | 200 |
| Miss Eliza Goodwin, | 100 | R. C. Winthrop, Jr., | 100 |
| Mrs. Mary P. Greenleaf, | 100 | Mrs. Thomas Lindall Winthrop, | 100 |
| W. O. Grover, | 100 | Henry Woods, | 100 |
| F. Haven, Jr., | 100 | J. Huntington Wolcott, | 100 |
| F. L. Higginson, | 100 | Mrs. J. Huntington Wolcott, | 100 |
| | | Other donations, | 25 |
| | | | $11,850 |

## TABLE No. 9.— LIBRARY FUNDS.

### TREADWELL LIBRARY FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1888: — | | |
| Principal, | | $5,000.00 |
| Income, | $42.42 | |
| 1889, Income received, | 300.00 | |
| | $342.42 | |
| Income expended, | 309.71 | |
| | $32.71 | |
| Balance, Dec. 31, 1889: — | | |
| Principal, | | 5,000.00 |
| Income, | $32.71 | |

### WARREN LIBRARY FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1888: — | | |
| Principal, | | $1,000.00 |
| Income, | $699.62 | |
| 1889, Income received, | 60.00 | |
| | $759.62 | |
| Balance, Dec. 31, 1889: — | | |
| Principal, | | 1,000.00 |
| Income, | $759.62 | |

## TABLE No. 10.

### WOODEN LEG FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1888: — | | |
| Principal, | | $5,000.00 |
| Donations, | | 100.00 |
| Income, | $250.19 | |
| 1889, Income received, | 323.00 | |
| | $573.19 | |
| Income expended, | 375.00 | |
| | $198.19 | |
| Balance, Dec. 31, 1889: — | | |
| Principal, | | 5,100.00 |
| Income, | $198.19 | |

## TABLE No. 11.

### THE BOWDITCH HISTORY FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1888: — | | |
| Principal, | | $2,000.00 |
| Income, | $696.15 | |
| 1889, Income received, | 120.00 | |
| | $816.15 | |
| Income expended, | 535.70 | |
| | $280.45 | |
| Balance, Dec. 31, 1889: — | | |
| Principal, | | 2,000.00 |
| Income, | $280.45 | |

TABLE No. 12.

GENERAL FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1888, | $1,153,582.23 | |
| Add one-third profits of Mass. Hospital Life Ins. Co., | 5,000.00 | |
| Add premiums on bonds sold, | 6,932.00 | |
| | | $1,165,514.23 |
| Less balance of Insurance Account, | $1,437.64 | |
| Less amount paid Estate of J. Wilson, Annuitant, | 33.52 | |
| Less amount paid for Tramway at Hospital, | 5,936.75 | |
| Less amount paid on account Bradlee Ward (E), Hospital, | 8,910.65 | |
| Less amount paid on account Electric Lighting, Hospital, | 10,224.54 | |
| Less balance of expenses over Income, | 26,659.04 | |
| Balance, Dec. 31, 1889, | 1,112,312.09 | |
| | | 1,165,514.23 |

The above payments for Bradlee Ward, Tramway, and Electric Lighting, amounting to $25,071.94, added to the payments in 1888 for those purposes,— namely, $27,513.82,— exceed by only $2,585.76 Miss Bradlee's donation of $50,000 to the General Fund for such purposes.

TABLE No. 13.

RESTRICTED FUNDS.

Income devoted to Free Beds: —

| | |
|---|---|
| The Joy Fund, being a bequest from Miss Nabby Joy, | $20,000.00 |
| Belknap Fund, being a bequest from Jeremiah Belknap, | 10,000.00 |
| Wm. Phillips Fund, being a bequest from Wm. Phillips, | 5,000.00 |
| Williams Fund, being a bequest from John D. Williams, of estate No. 17 Blackstone Street, | 19,600.00 |
| Bromfield Fund, being half of a bequest from John Bromfield, | 20,000.00 |
| Miss Townsend Fund, being a donation from the Executors of the will of Miss Mary P. Townsend, | 11,486.50 |
| *Amount carried forward,* | $86,086.50 |

| | |
|---|---|
| *Amount brought forward,* . . . . . | $86,086.50 |
| Brimmer Fund, being a bequest from Miss Mary Ann Brimmer, . . . . | 5,000.00 |
| Wilder Fund, being a bequest from Charles W. Wilder, . . . . . | 12,000.00 |
| Sever Fund, being a bequest from Miss Martha Sever, . . . . . | 500.00 |
| Thompson Fund, being a bequest from S. B. Thompson, . . . . . | 500.00 |
| Tucker Fund, being a bequest from Miss Margaret Tucker, . . . . . | 3,312.37 |
| Davis Fund, being a bequest from Mrs. Eleanor Davis, . . . . . | 900.00 |
| Loring Fund, being a bequest from Abigail Loring, . . . . . | 5,000.00 |
| Nichols Fund, being a bequest from B. R. Nichols, . . . . . | 6,000.00 |
| Gray Fund, being a donation from John C. Gray, . . . . . | 1,000.00 |
| Dowse Fund, being a bequest from Thomas Dowse, . . . . . | 5,000.00 |
| Todd Fund, being a bequest from Henry Todd, . . . . . | 5,000.00 |
| J. Phillips Fund, being a bequest from Jonathan Phillips, . . . . . | 10,000.00 |
| Greene Fund, being a bequest from Benj. D. Greene, . . . . . | 5,000.00 |
| Percival Fund, being a bequest from John Percival, . . . . . | 950.00 |
| Pickens Fund, being a bequest from John Pickens, . . . . . | 1,676.75 |
| Treadwell Fund, being part of a bequest from J. G. Treadwell, . . . . . | 38,703.91 |
| Raymond Fund, being a bequest from E. A. Raymond, . . . . . | 2,820.00 |
| Harris Fund, being part of a bequest from Charles Harris, . . . . . | 1,000.00 |
| Mason Fund, being a bequest from Wm. P. Mason, . . . . . | 9,400.00 |
| Sawyer Fund, being part of a bequest from M. P. Sawyer, . . . . . | 7,000.00 |
| J. L. Gardner Fund, being a donation from J. L. Gardner, . . . . . | 20,000.00 |
| B. T. Reed Fund, being a donation from Benj. T. Reed, . . . . . | 1,000.00 |
| Wm. Reed Fund, being a bequest from Wm. Reed, . . . . . | 5,233.92 |
| *Amount carried forward,* . . . . . | $233,083.45 |

| | |
|---|---|
| *Amount brought forward*, . . . . . | $233,083.45 |
| McGregor Fund, being half of a donation and bequest from James McGregor, . | 7,500.00 |
| Miss Rice Fund, being a bequest from Miss Arabella Rice, . . . . . | 5,000.00 |
| Templeton Fund, being half of a bequest from John Templeton, . . . . . | 5,000.00 |
| Mrs. J. H. Rogers Fund, being a donation from J. H. Rogers, . . . . . | 1,177.50 |
| Beebe Fund, being a bequest from J. M. Beebe, . . . . . | 50,000.00 |
| Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln, . . . . | 85,000.00 |
| Blanchard Fund, being a bequest from Mrs. M. B. Blanchard, . . . . . | 4,000.00 |
| George Gardner Fund, being a donation from George Gardner, . . . . . | 1,000.00 |
| Hemenway Fund, being a donation from the Executors of the will of Augustus Hemenway, . . . . . | 20,000.00 |
| Jessup Fund, being part of a bequest from Dr. Chas. A. Jessup, . . . . | 1,000.00 |
| Tufts Fund, being a bequest from Quincy Tufts, . . . . . | 10,000.00 |
| Read Fund, being half of a bequest from Jas. Read, . . . . . | 1,000.00 |
| Parker Fund, being a bequest from Jno. Parker, Jr., . . . . . | 10,000.00 |
| Miss Shaw Fund, being a donation and bequest from Miss M. Louisa Shaw, . | 5,500.00 |
| Eliza Perkins Fund, being a donation from Mrs. H. B. Rogers, . . . . . | 1,000.00 |
| Dwight Fund, being a donation from Mrs. T. Bradford Dwight, . . . . | 1,000.00 |
| Hunnewell Fund, being a donation from H. H. Hunnewell, . . . . . | 10,000.00 |
| R. M. Mason Fund, being a bequest from R. M. Mason, . . . . . | 5,000.00 |
| Hannah Lowell Cabot Fund, being a donation from Dr. Samuel Cabot, . . . | 1,000.00 |
| Welles Fund, being a donation from Miss Jane Welles, . . . . . | 5,000.00 |
| Black Fund, being a bequest from Miss Marianna Black, . . . . . | 2,000.00 |
| Eben Wright Fund, being an assignment of legacies by the children of T. Jefferson Coolidge, . . . . . | 14,000.00 |
| *Amount carried forward*, . . . . . | $478,260.95 |

| | | |
|---|---|---|
| *Amount brought forward*, . . . . . | $478,260.95 | |
| Paraclete Holmes Fund, being a donation from W. S. Adams, . . . . . | 2,000.00 | |
| Estabrooks Fund, being a bequest from J. W. Estabrooks, . . . . . | 1,000.00 | |
| The Thayer Fund, being a bequest from Nathaniel Thayer, . . . . . | 30,000.00 | |
| Sawyer Fund, being part of a bequest from M. P. Sawyer, . . . . . | 66,499.81 | |
| Ann E. Gray Fund, being a bequest from Miss Ann E. Gray, . . . . . | 5,000.00 | |
| John Bertram Fund, being a donation from Mrs. Clara Bertram Kimball, . | 5,000.00 | |
| Hannah C. Leland Fund, being a bequest from Mrs. Hannah C. Leland, . . . | 15,000.00 | |
| Esther E. Beebe Fund, being a bequest from Mrs. Esther E. Beebe, . . . | 2,000.00 | |
| Ella F. Roehl Fund, being part of a bequest from Ella F. Roehl, . . . | 8,085.02 | |
| Two subscriptions from Friends, $100 each, . . . . . | 200.00 | |
| Henry B. Rogers Fund, being a bequest from Henry B. Rogers, . . . . . | 10,000.00 | |
| John H. Eastburn Fund, being a bequest from John H. Eastburn, . . . . . | 10,000.00 | |
| Mrs. Susan F. Eastburn Fund, being a bequest from Mrs. Susan F. Eastburn, | 1,000.00 | |
| William B. Craft Fund, being a bequest from William B. Craft, . . . . . | 5,000.00 | |
| Emily W. Appleton Fund, being a donation from Mrs. Emily W. Appleton, . | 1,000.00 | |
| Charles R. Hayden Fund, being a donation from Mrs. Annie Ruth Hayden, | 2,000.00 | |
| Spaulding Fund, being a donation of Mahlon D. and John P. Spaulding, . | 10,000.00 | |
| Shattuck Fund, being a donation of Mrs. George C. Shattuck, . . . . . | 500.00 | |
| Joel Spalding Fund, being a donation of Miss Sarah R. Spalding, . . . . . | 3,000.00 | |
| McGregor Fund, being a bequest of Mrs. James McGregor, . . . . . | 1,000.00 | |
| Bartlett Fund, being a bequest of Sidney Bartlett, . . . . . | 10,000.00 | |
| Jas. B. and Mary Dow Fund, being gift of Mary Dow, under the will of James B. Dow, . . . . . | 5,000.00 | $671,545.78 |
| *Amount carried forward*, . . . . . | | $671,545.78 |

| | | |
|---|---|---|
| *Amount brought forward,* . . . . . | | $671,545.78 |
| **Income devoted to beneficiaries at Asylum:—** | | |
| The Bromfield Fund, being half of a bequest from John Bromfield, . . . . . | $20,000.00 | |
| Read Fund, being half of a bequest from Jas. Read, . . . . . | 1,000.00 | |
| Appleton Fund, $10,010 being a bequest from Samuel Appleton, $20,000 being a donation from Wm. Appleton, . . | 30,010.00 | |
| McGregor Fund, being half of a donation and bequest from James McGregor, . | 7,500.00 | |
| Austin Fund, being part of a bequest from Mrs. Agnes Austin, . . . . | 5,000.00 | |
| Kittredge Fund, being a bequest from Rufus Kittredge, . . . . . | 5,500.00 | |
| Templeton Fund, being half of a bequest from John Templeton, . . . . . | 5,000.00 | |
| Proctor Fund, being a bequest from Mrs. Lydia P. Proctor, . . . . . | 1,000.00 | |
| Higginson Fund, being a bequest from George Higginson, . . . . . | 10,000.00 | |
| | | 85,010.00 |
| **Income devoted to Female Beneficiaries at Asylum:—** | | |
| The Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln, . . . . . | | 85,000.00 |
| **Income unrestricted:—** | | |
| The Waldo Fund, being a bequest from Daniel Waldo, . . . . . | 40,000.00 | |
| The Blake Fund, being a bequest from Stanton Blake, . . . . . | 10,000.00 | |
| | | 50,000.00 |
| **Income devoted to any purpose except buildings:—** | | |
| The Redman Fund, being a bequest from John Redman, . . . . . | | 455,113.34 |
| **Income devoted to a Triennial Prize:—** | | |
| The Warren Prize Fund, being a bequest from Dr. J. M. Warren, . . . . . | | 3,579.92 |
| *Amount carried forward,* . . . . . | | $1,349,849.04 |

| | | |
|---|---|---|
| *Amount brought forward,* . . . . . | | $1,349,849.04 |
| **Income devoted to the Library:—** | | |
| The Treadwell Library Fund, being part of a bequest from J. G. Treadwell, . . . | | 5,000.00 |
| **Income devoted to Books for Patients:—** | | |
| The Warren Library Fund, being a donation from Dr. J. C. Warren, . . . . . | | 1,000.00 |
| **Income and Principal devoted to the publication of a History of the Hospital:—** | | |
| The Bowditch History Fund, being a bequest from N. I. Bowditch, . . . . . | | 2,000.00 |
| **Income devoted to Amusements at the Asylum:—** | | |
| The Amusement Fund, $5,000 being a bequest from Miss Mary Louisa Shaw, $5,000 being a donation from Mrs. Quincy A. Shaw and other Ladies, . . . . . | | 10,000.00 |
| **Income devoted to Special Surgical Instruments:—** | | |
| The Surgical Instrument Fund, being a donation from Dr. H. J. Bigelow, $1,250; donation of Mr. R. M. Moore, $100; donation of Lydia B. & O. A. Taft, $100; donation of Chas. S. Bixby, $25, . . . . . | | 1,475.00 |
| **The Wooden Leg Fund:—** | | |
| Being a bequest from N. I. Bowditch, $5,000; donation of P. K., $100, . . . . . | | 5,100.00 |
| **The Convalescent Home Fund,** | $132,280.66 | |
| *Amounts carried forward,* . . . . . | $132,280.66 | $1,374,824.04 |

| | | |
|---|---|---|
| *Amounts brought forward*, . . . . . | $132,280.66 | $1,374,824.04 |
| Donation from Mr. George A. Gardner, . . . . . | 5,000.00 | |
| Donation from Miss Mary Russell, . . . . . | 40.00 | |
| Bequest of Elizabeth B. I. B. Dixwell, . . . . . | 1,000.00 | |
| Donation from Miss Helen C. Bradlee, . . . . . | 500.00 | |
| | | 138,820.66 |
| Permanent Free Beds: — | | |
| Miss Marian Hovey, . . . . . | $1,000.00 | |
| Mrs. Fanny H. Morse, . . . . . | 1,000.00 | |
| Henry S. Hovey, . . . . . | 1,000.00 | |
| Edward Woodman, . . . . . | 1,000.00 | |
| Children of Mrs. Henry Winsor, . . . . . | 1,000.00 | |
| D. R. Whitney, . . . . . | 1,000.00 | |
| George Gardner, . . . . . | 1,000.00 | |
| Mrs. Nathaniel Thayer, . . . . . | 1,000.00 | |
| Edward F. Daland, . . . . . | 1,000.00 | |
| Mrs. Anna I. Phillips, . . . . . | 1,000.00 | |
| Miss Helen W. Faulkner, . . . . . | 1,000.00 | |
| | | 11,000.00 |
| Redman Annuities, . . . . . | | 11,600.00 |
| Clara Barton Annuity, . . . . . | | 3,241.00 |
| Asylum Building Fund, . . . . . | | 210,580.48 |
| G. H. Gay Fund, . . . . . | | 6,511.08 |
| Dr. J. H. Whittemore Memorial Fund, . . . . . | | 33,720.00 |
| S. R. Urbino Fund, . . . . . | | 5,000.00 |
| Hibbard Occupation Fund, . . . | | 1,000.00 |
| Samuel Cabot Fund for Pathological Investigation, . . . . . | | 1,000.00 |
| *Amount carried forward*, . . . . . | | $1,797,297.26 |

| | | |
|---|---|---|
| *Amount brought forward,* . . . . . | | $1,797,297.26 |
| Add unused income at credit of | | |
| Warren Prize Fund, . . . . . | $289.91 | |
| Warren Library Fund, . . . . . | 759.62 | |
| Bowditch History Fund, . . . . . | 280.45 | |
| Surgical Instrument Fund, . . . . . | 1,640.21 | |
| Wooden Leg Fund, . . . . . | 178.19 | |
| Clara Barton Annuity, . . . . . | 580.14 | |
| Treadwell Library Fund, . . . . . | 32.71 | |
| Hibbard Occupation Fund, . . . . . | 80.00 | |
| | | 3,841.23 |
| Total of Restricted Funds, . . . . . | | $1,801,138.49 |

| *Dr.* | TRIAL BALANCE, DECEMBER 31, 1889. | *Cr.* |
|---|---|---|
| Land and Buildings for Asylum, | $320,794.75 | |
| Land and Buildings for Hospital, | 605,426.54 | |
| Land and Improvements at Belmont, | 90,656.51 | |
| Annuities Receivable, | 160,000.00 | |
| Insurance Stock, | 50,000.00 | |
| Reversions, | 10.00 | |
| Delaware Mutual Insurance Company's Scrip, | 520.00 | |
| Manufacturing Companies Stocks, | 47,400.00 | |
| Bank Stocks, | 84,200.00 | |
| Railroad Stocks, | 25,500.00 | |
| Railroad Bonds, | 578,230.00 | |
| City and Town Bonds, | 13,000.00 | |
| Notes Receivable, | 94,100.00 | |
| Real Estate, Productive, | 789,106.84 | |
| Edward Cowles, Superintendent, | 31,037.05 | |
| John W. Pratt, Resident Physician, | 2,092.79 | |
| Balance Cash Dec. 31, 1889, | 32,834.65 | |
| | $2,924,909.13 | |
| Redman Fund, | $455,113.34 | |
| Warren Prize Fund, | 3,579.92 | $289.91 |
| Bowditch History Fund, | 2,000.00 | 280.45 |
| Wooden Leg Fund, | 5,100.00 | 198.19 |
| Clara Barton Annuity, | 3,241.00 | 580.14 |
| Surgical Instrument Fund, | 1,475.00 | 1,640.21 |
| Amusement Fund, | 10,000.00 | |
| Free Beds Fund, | 671,545.78 | |
| Warren Library Fund, | 1,000.00 | 759.62 |
| Beneficiaries at Asylum Fund, | 85,010.00 | |
| Treadwell Library Fund, | 5,000.00 | 32.71 |
| Lincoln Fund, | 85,000.00 | |
| Funds with Income Unrestricted, | 50,000.00 | |
| Permanent Free Beds Fund, | 11,000.00 | |
| Asylum Building Fund, | 210,580.48 | |
| G. H. Gay Fund, | 6,879.63 | |
| Convalescent Fund, | 138,820.66 | |
| Dr. J. H. Whittemore Memorial Fund, | 33,720.00 | |
| S. R. Urbino Fund, | 5,000.00 | |
| Samuel Cabot Fund, | 1,000.00 | 60.00 |
| Hibbard Occupation Fund, | 1,000.00 | 80.00 |
| Redman Annuities, | 11,600.00 | |
| General Fund, | 1,112,312.09 | |
| Suspense (see "Reversions"), | 10.00 | |
| Notes Payable, | 4,500.00 | |
| Subscribers to Free Beds for 1890, | 6,500.00 | |
| | $2,920,987.90 | $3,921.23 |
| | 3,921.23 | |
| | $2,924,909.13 | |

Property on hand belonging to the Corporation invested as follows: —

INVESTMENTS PRODUCING NO INCOME.

| | | | |
|---|---|---|---|
| Asylum: | Land and Buildings occupied for Asylum, | $320,794.75 | |
| | Superintendent's balance, | 31,037.05 | |
| Hospital: | Land and Buildings occupied for Hospital, | 605,426.54 | |
| | Resident Physician's balance, | 2,092.79 | |
| Convalescent Home: | Land and Buildings at Belmont, | 90,656.51 | |
| | Memorandum of expectancies, | 10.00 | |
| | | | $1,050,017.64 |

INVESTMENTS PRODUCING INCOME.

| | |
|---|---|
| Policies Mass. Hospital Life Ins. Co., | $160,000.00 |
| 500 shares Mass. Hospital Life Ins. Co., | 50,000.00 |
| $50,000 Eastern Railroad Co.'s 6 per cent. Bonds, | 50,000.00 |
| $20,000 Kansas City & Cameron Railroad 10 per cent. Bonds, | 20,000.00 |
| $5,000 Boston & Albany Railroad Co.'s 7 per cent. Bonds, | 5,000.00 |
| $100,000 Chicago, Bur. & Quincy R.R. 7 per cent. Bonds, | 100,000.00 |
| $52,000 Chicago, Bur. & Quincy R.R. 5 per cent. Bonds, | 52,000.00 |
| $10,000 Chicago, Bur. & Quincy R.R. 4 per cent. Bonds, | 10,000.00 |
| $15,000 Chicago, Bur. & Northern R.R. 6 per cent. Bonds, | 15,000.00 |
| $100,000 Atch., Topeka & Santa Fé R.R. 7 per cent. Bonds, | 100,000.00 |
| $82,000 Atch., Top. & Santa Fé R.R. Coll. Tr. 5 per cent. Bonds, | 76,230.00 |
| $50,000 Atch., Top. & Santa Fé R.R. 4 1-2 per cent. Bonds, | 50,000.00 |
| $38,000 Bur. & Mo. River in Neb. R.R., Non-ex. 6 per cent. Bonds, | 38,000.00 |
| $10,000 Atchison, Topeka & Santa Fé R.R. Land Grant 7 per cent. Bonds, | 10,000.00 |
| $10,000 Kansas City, Topeka & Western R.R. 7 per cent. Bonds, | 10,000.00 |
| $7,000 Cedar Rapids & Mo. River R.R. 7 per cent. Bonds, | 7,000.00 |
| $5,000 Bur., Cedar Rapids & Northern R.R. 5 per cent. Bonds, | 5,000.00 |
| $4,000 Ft. Scott, So. Eastern & Mem. R.R. 7 per cent. Bonds, | 4,000.00 |
| $10,000 Fremont, Elkhorn & Mo. Valley R.R. 6 per cent. Bonds, | 10,000.00 |
| $16,000 Old Colony Steamboat 6 per cent. Bonds, | 16,000.00 |
| $2,000 City of Providence 5 per cent. Bonds, | 2,000.00 |
| $6,000 City of Kansas 8 per cent. Bonds, | 6,000.00 |
| $3,000 City of Charlestown 6 per cent. Bonds, | 3,000.00 |
| $1,000 City of Lynn 6 per cent. Bonds, | 1,000.00 |
| $1,000 City of Chelsea 6 per cent. Bonds, | 1,000.00 |
| *Amount carried forward,* | $801,230.00 |

| | | |
|---|---|---|
| | *Amount brought forward,* | $801,230.00 |
| 100 | Shares Old Colony R.R. Co., | 10,000.00 |
| 155 | " Boston & Albany R.R. Co., | 15,500.00 |
| 14 | " Merrimack Manufacturing Co., | 14,000.00 |
| 1 | Share Appleton " " | 1,000.00 |
| 9 | Shares Amory " " | 900.00 |
| 14 | " Amoskeag " " | 14,000.00 |
| 25 | " Great Falls " " | 2,500.00 |
| 5 | " Boston " " | 5,000.00 |
| 10 | " Stark Mills " " | 10,000.00 |
| 100 | " National Union Bank, | 10,000.00 |
| 100 | " Suffolk National Bank, | 10,000.00 |
| 70 | " Tremont " " | 7,000.00 |
| 25 | " Old Boston " " | 2,500.00 |
| 87 | " State " " | 8,700.00 |
| 100 | " Columbian " " | 10,000.00 |
| 160 | " Merchants' " " | 16,000.00 |
| 50 | " New England National Bank, | 5,000.00 |
| 40 | " Massachusetts " " | 10,000.00 |
| 50 | " Eagle " " | 5,000 00 |
| Land and Store, 17 Blackstone Street, | | 19,600.00 |
| " " " 168 Washington Street, | | 45,000.00 |
| " " House, 61 Dartmouth Street, | | 10,000.00 |
| Redman Estate, Washington Street, | | 106,000.00 |
| Building on Floral Place, | | 46,794.41 |
| Land and Stores, 496 to 500 Washington Street, | | 147,719.30 |
| Land and Houses on Warrenton Street, | | 26,700.00 |
| " " " " Chambers Street, | | 23,900.00 |
| " " " " Cross Street, | | 9,191.64 |
| " " House " Poplar Place, | | 2,500.00 |
| Union Block, Union and Marshall Streets, | | 66,875.00 |
| Robertson House, Hanover Street, | | 40,125.00 |
| Real Estate, Fruit Street and vicinity, | | 94,701.49 |
| Land and Buildings on Washington and Kneeland Streets, | | 150,000.00 |
| Notes secured by Mortgage, | | 94,100.00 |
| Delaware Mutual Ins. Co. Scrip, | | 520.00 |
| Cash, | | 32,834.65 |
| Investments producing income, | | $1,874,891.49 |
| The land and buildings on Washington Street, corner of Kneeland Street, were bought subject to a mortgage of $200,000, due May 26, 1890. | | |
| Investments producing no income, | | 1,050,017.64 |
| Total, foot of Trial Balance, | | $2,924,909.13 |

F. HAVEN, JR., *Treasurer.*

## TABLE OF THE EXPENSES OF THE HOSPITAL AND ASYLUM FOR TWENTY-EIGHT YEARS,—1862 TO 1889.

### ORDINARY EXPENSES.

| Year. | Cost of Paying Patients. | Cost of Free Patients. | Other Charities. | Total Expenses of | | Average cost per week per patient. | | Cost over Board. | |
|---|---|---|---|---|---|---|---|---|---|
| | Hospital. | Hospital. | Hospital. | Hospital. | Asylum. | Hospital. | Asylum. | Hospital. | Asylum. |
| 1862 | $6,628.65 | $35,072.01 | $414.15 | $42,114.81 | $71,823.46 | $6.04 | $7.27 | $36,260.92 | $6,640.81 |
| 1863 | 6,151.27 | 40,575.14 | 695.30 | 47,421.71 | 69,300.63 | 6.66 | 6.98 | 41,109.46 | 2,170.56 |
| 1864 | 10,224.81 | 49,286.53 | 648.21 | 60,159.55 | 101,484.38 | 8.38 | 9.76 | 52,445.01 | 4,523.85 |
| 1865 | 23,119.62 | 34,131.83 | 717.35 | 57,968.80 | 120,885.84 | 9.86 | 12.49 | 43,121.53 | 9,507.86 |
| 1866 | 30,086.08 | 37,538.12 | 1,162 60 | 68,786.80 | 126,015.83 | 13.88 | 12.30 | 53,809.36 | 558.19 |
| 1867 | 26,086.67 | 33,758.02 | 1,164.53 | 61,009.22 | 133,844.14 | 11.28 | 13.84 | 44,291.54 | ..... |
| 1868 | 23,663.50 | 42,481.71 | 1,419.26 | 67,564.47 | 142,535.36 | 12.74 | 16.51 | 52,893.02 | 14,642.07 |
| 1869 | 20,128.86 | 40,736.44 | 1,373.30 | 62,238.60 | 138,132.02 | 10.14 | 14.21 | 48,811.90 | ..... |
| 1870 | 15,844.35 | 46,087.42 | 883.05 | 62,814.82 | 134,339.63 | 10.05 | 13.83 | 50,811.01 | ..... |
| 1871 | 15,266.51 | 47,126.12 | 1,133.74 | 63,526.37 | 146,191.23 | 9.96 | 15.80 | 52,447.68 | 9,996.88 |
| 1872 | 12,664.70 | 56,537.74 | 1,497.86 | 70,700.30 | 153,327.60 | 10.10 | 16.93 | 59,547.91 | 14,917.57 |
| 1873 | 16,681.66 | 69,109.97 | 2,135.29 | 87,926.92 | 165,023.79 | 10.29 | 19.23 | 72,435.94 | 26,404.27 |
| 1874 | 14,198.41 | 64,266.27 | 2,634.60 | 81,099.28 | 161,934.11 | 10.13 | 19.59 | 67,548.81 | 2,750.66 |
| 1875 | 10,677.72 | 71,447.23 | 1,761.59 | 83,886.54 | 165,660.47 | 9.72 | 21.07 | 71,989.93 | 11,872.47 |
| 1876 | 11,344.58 | 82,033.60 | 1,312.94 | 94,691.12 | 164,973.80 | 9.41 | 19.72 | 82,027.86 | 13,019.51 |
| 1877 | 10,833.10 | 72,678.63 | 279.16 | 83,790.89 | 143,148.94 | 9.47 | 15.66 | 72,957.79 | ..... |
| 1878 | 11,252.42 | 85,102.61 | 588.98 | 96,944.01 | 136,394.36 | 9.87 | 15.55 | 83,516.61 | ..... |
| 1879 | 11,564.44 | 77,216.88 | 514.25 | 89,295.57 | 117,250.02 | 10.54 | 14.30 | 73,440.58 | ..... |
| 1880 | 10,529.35 | 81,085.73 | 462.82 | 92,077.90 | 131,172.69 | 10.39 | 16.48 | 79,280.61 | 10,078.33 |
| 1881 | 13,462.12 | 88,241.17 | 450.51 | 102,153.80 | 134,561.14 | 11.87 | 16.92 | 88,268.68 | 20,719.30 |
| 1882 | 12,947.98 | 95,642.45 | 8,928.82* | 117,519.25 | 138,518.26 | 12.43 | 17.02 | 95,684.95 | 18,172.21 |
| 1883 | 18,389.28 | 90,665.70 | 6,575.92* | 115,630 90 | 139,711.39 | 12.63 | 16.16 | 91 213.57 | 5,376.89 |
| 1884 | 21,476.00 | 101,954.31 | 6,873.69* | 130,304.00 | 139,201.67 | 14.75 | 16.00 | 107,974.18 | 2,612.02 |
| 1885 | 10,728.87 | 93,411.59 | 8,483.90* | 112,624.36 | 140,278.86 | 11.99 | 15.72 | 87,464.96 | |
| 1886 | 13,423.09 | 99,054 20 | 10,831.84* | 123,309.13 | 144,374.33 | 12.50 | 15.94 | 96,986.71 | 5,805.42 |
| 1887 | 15,337.90 | 105,543.61 | 9,856.94* | 130,738.45 | 139,497.70 | 12.56 | 16.35 | 105,012.17 | 15,049.93 |
| 1888 | 15,594.88 | 119,634.59 | 10,785.86* | 146,015.33 | 139,178.98 | 13.47 | 15.98 | 112,220.05 | 7,788.28 |
| 1889 | 15,612.47 | 131,216.80 | 10,737.64* | 157,566.91 | 146,574.09 | 13.64 | 16.51 | 130,865.78 | 10,255.79 |
| 28 years, . . . . . | | | | | | | | $2,054,438.52 | $212,862.87 |

* Including Convalescent Home.

# ANNUAL REPORT OF THE RESIDENT PHYSICIAN

OF THE

# MASSACHUSETTS GENERAL HOSPITAL

**For the Year 1889.**

---

**Number of Patients in the Hospital January 1, 1890.**

| | |
|---|---|
| Paying, | 14 |
| Free, | 191 |
| Total, | 205 |

**Admitted from January 1, 1889, to January 1, 1890.**

| | *Males.* | *Females.* | *Total.* |
|---|---|---|---|
| Patients paying board, | 300 | 200 | 500 |
| Patients paying board part of the time, | 60 | 34 | 94 |
| Patients entirely free, | 1,629 | 1,196 | 2,825 |
| | 1,989 | 1,430 | 3,419 |

| | *Medical.* | *Surgical.* |
|---|---|---|
| Males (Boys), 135, | 696 | 1,293 |
| Females (Girls), 59, | 614 | 816 |
| Children (2), 43, | | |
| | 1,310 | 2,109 |

Of these, 1 paid $50; 1 paid $40; 75 paid $35; 93 paid $21; 107 paid $14; 1 paid $12; 76 paid $10.50; 28 paid $10; 179 paid $7; 3 paid $6; 25 paid $5; 5 paid $3.

Whole number of patients treated during the year: paying, 514; paying a part of the time, 94; free, 3,016; total, 3,624.

Discharged during the Year.

| | *Medical.* | *Surgical.* | *Male.* | *Female.* | *Total.* |
|---|---|---|---|---|---|
| Well, | 707 | 1,327 | 1,282 | 752 | 2,034 |
| Much relieved, | 154 | 188 | 153 | 189 | 342 |
| Relieved, | 145 | 182 | 144 | 183 | 327 |
| Not relieved, | 51 | 59 | 55 | 55 | 110 |
| Not treated, | 101 | 199 | 134 | 166 | 300 |
| Dead, | 138 | 147 | 198 | 87 | 285 |
| Insane and eloped, | 4 | 11 | 11 | 4 | 15 |
| | 1,300 | 2,113 | 1,977 | 1,436 | 3,413 |

Number of Patients remaining December 31, 1889.

| | |
|---|---|
| Males, | 127 |
| Females, | 78 |
| Total, | 205 |
| Paying, | 14 |
| Free, | 191 |
| Total, | 205 |
| Medical, | 89 |
| Surgical, | 116 |
| Total, | 205 |

Proportion of deaths to whole number of results, 8.79 per cent.

Number of patients received on account of accidents, 530.

The greatest number of paying patients at any one time was 29; in private rooms, 8; the greatest number of free patients, 205; the greatest total, 227. The least number of paying patients at any one time was 12; in private rooms, 1; the least free, 149; the least total, 170.

The proportion of ward beds occupied by free patients was 85 per cent.; by paying patients, 15 per cent.

About 18.6 of the paying patients occupied private

rooms. The average number of patients was 207: males, 117; females, 90.

The average number of paying patients was 22: Americans, 16; foreigners, 6.

The average number in private rooms was 6.

The average number of free patients was 185: Americans, 95; foreigners, 90.

The average time of paying patients was 2.28 weeks; and that of free patients, 3.40.

Residences.

| | |
|---|---|
| Boston, | 1,095 |
| Massachusetts (excepting Boston), | 2,010 |
| Maine, | 53 |
| New Hampshire and Vermont, | 141 |
| Rhode Island and Connecticut, | 52 |
| Other States, | 44 |
| British Provinces, | 24 |
| | 3,419 |

Birthplaces.

| | |
|---|---|
| Boston, | 195 |
| Massachusetts (excepting Boston), | 1,029 |
| Maine, | 164 |
| New Hampshire, | 125 |
| Vermont, | 63 |
| Rhode Island and Connecticut, | 57 |
| New York, | 71 |
| Southern and Western States, | 102 |
| Total Americans, | 1,806 |
| British Provinces, | 437 |
| Great Britain, | 173 |
| Ireland, | 758 |
| Germany, | 58 |
| Norway and Sweden, | 74 |
| France, | 18 |
| Switzerland, | 3 |
| Italy, | 33 |
| Other places, | 59 |
| Total foreigners, | 1,613 |

Occupations.

| *Males.* | *Paying.* | *Free.* | *Partial.* |
|---|---|---|---|
| Mechanics, | 46 | 368 | 16 |
| Laborers, | 24 | 396 | 21 |
| Farmers, | 28 | 76 | 6 |
| Minors, | 13 | 148 | 4 |
| Seamen, | 7 | 73 | 1 |
| Clerks, | 40 | 120 | 3 |
| Teamsters, | 10 | 66 | 5 |
| Traders, | 21 | 99 | 4 |
| Servants, | 10 | 58 | |
| Lawyers, | 8 | 8 | |
| Clergymen, | 4 | 8 | |
| Physicians, | 8 | 11 | |
| Merchants, | 59 | 38 | |
| Students, | 13 | 28 | |
| Other professions, | 9 | 132 | |
| | 300 | 1,629 | 60 |

Total males, 1,989. Of these, 58 were in private rooms.

| *Females.* | *Paying.* | *Free.* | *Partial* |
|---|---|---|---|
| Domestics, | 8 | 345 | 3 |
| Minors, | 8 | 74 | 5 |
| Wives, | 131 | 435 | 17 |
| Widows, | 18 | 78 | 2 |
| Seamstresses, | | 51 | 2 |
| Spinsters, | 12 | 39 | 2 |
| Operatives, | 1 | 21 | |
| Teachers, | 2 | 17 | |
| Clerks, | 3 | 29 | 3 |
| Nurses, | 3 | 23 | |
| Other professions, | 14 | 84 | |
| | 200 | 1,196 | 34 |

Total females, 1,430. Of these, 35 were in private rooms.

12 per cent. of the free patients were female domestics; 14 per cent. were laborers; 13 per cent. were mechanics; and 8 per cent. were minors.

Admissions Refused.

| | |
|---|---|
| Phthisis (Consumption), | 17 |
| Chronic Ulcers, | 10 |
| Scrofula and Abscesses, | 10 |
| Hip and Spine, | 16 |
| Debility and Senility, | 10 |
| Paralysis, | 15 |
| Epilepsy, | 5 |
| Of Skin, | 10 |
| Other diseases, | 23 |
| Total, | 116 |

| | |
|---|---|
| Males, | 62 |
| Females, | 54 |
| Americans, | 57 |
| Foreigners, | 59 |
| Residents of Boston, | 46 |
| Residents of Massachusetts, | 31 |
| Residents of other places, | 39 |

Out-patients.

| | |
|---|---|
| Number of new patients, | 22,939 |
| Men, | 10,207 |
| Women, | 8,763 |
| Children, | 3,969 |
| Americans, | 11,575 |
| Foreigners, | 11,364 |
| Residents of Boston, | 12,150 |
| Of other places, | 10,789 |
| Medical department for women, | 4 586 |
| Medical department for men and children, | 4,859 |
| Surgical department, | 7,338 |
| Ophthalmic department, | 865 |
| Department for diseases of skin, | 2,346 |
| Department for diseases of nervous system, | 1,076 |
| Department for diseases of the throat, | 1.869 |

Total attendance, 56,280.

Average daily attendance, 179.

## Of the surgical cases there were: —

| | |
|---|---|
| Head and face, | 557 |
| Abscesses and Inflamed Glands, | 823 |
| Fractures of clavicle, | 84 |
| Trunk, | 352 |
| Shoulder joint and humerus, | 208 |
| Elbow, | 145 |
| Forearm and wrist, | 540 |
| Felons, | 1,270 |
| Thigh, leg, ankle, foot, | 751 |
| Knee, | 341 |
| Genito-urinary, | 561 |
| Disease of rectum, | 218 |
| Specific diseases, | 110 |
| Hernia, | 176 |
| Tumors, malignant, | 176 |
| Tumors, benignant, | 172 |
| Bones and Periosteum, | 121 |
| Ulcers, | 243 |
| Rheumatism and Neuralgia, | 154 |
| Burns and Miscellaneous, | 336 |
| Total, | 7,338 |

| | |
|---|---|
| Number of applicants, | 18,135 |
| Number admitted, | 16,926 |
| Number refused, | 284 |
| Number sent to physician's office, | 925 |
| Number visited, | 1,216 |
| Number visited, correct statement, | 698 |
| Number visited, incorrect statement, | 518 |

## Convalescent Home:—

| | |
|---|---|
| Admitted to the Home in 1883, | 101 |
| Admitted to the Home in 1884, | 187 |
| Admitted to the Home in 1885, | 315 |
| Admitted to the Home in 1886, | 295 |
| Admitted to the Home in 1887, | 308 |
| Admitted to the Home in 1888, | 397 |

| | *Males.* | *Females.* | *Total.* |
|---|---|---|---|
| Remaining Jan. 1, 1889, | 12 | 7 | 19 |
| Admitted during 1889, | 229 | 202 | 431 |
| Total, | 241 | 209 | 450 |
| Discharged, | 225 | 206 | 431 |
| Remaining Jan. 1, 1890, | 16 | 3 | 19 |

The Young Men's Christian Union gave us forty rides, taking out one hundred and seventy patients.

Respectfully submitted,

JOHN W. PRATT,
*Resident Physician.*

Boston, Jan. 1, 1890.

## TABLE SHOWING THE COST OF THE PRINCIPAL STORES AT THE MASSACHUSETTS GENERAL HOSPITAL.

| Articles. | 1881. | | | 1882. | | | 1883. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. |
| Beef, Sirloin, lbs. | 8,658 | $1,792.20 | .207 | 7,856 | $1,931.95 | .245 | 8,793 | $1,975.38 | .224 |
| " for Soup, " | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| " Corned, " | 5,183 | 367.99 | .07 | 6,522 | 673.76 | .103 | 6,925½ | 670.88 | .095 |
| " Round, " | 19,477 | 1,636.06 | .084 | 19,705 | 1,976.68 | .103 | 22,327 | 2,120.83 | .095 |
| " Rump, " | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| " Roasting, " | 16,438 | 1,758.86 | .107 | 16,221 | 2,159.07 | .133 | 16,962 | 2,047.78 | .120 |
| Mutton, . . " | 21,093 | 2,720.99 | .129 | 16,365 | 2,216.01 | .135 | 21,075 | 2,999.89 | .142 |
| Poultry, . . " | 13,562 | 2,278.41 | .168 | 12,082 | 2,348.41 | .195 | 10,263 | 2,318.56 | .225 |
| Butter, . . . " | 11,129 | 3,505.63 | .315 | 16,843 | 3,770.97 | .221 | 10,468 | 3,329.97 | .317 |
| Eggs, . . doz. | 4,401 | 1,188.27 | .26 | 5,234 | 1,470.59 | .281 | 5,479 | 1,491.60 | .272 |
| Flour, . . bbls. | 49 | 468.73 | 9.565 | 49 | 459.25 | 9.937 | 52 | 406.00 | 7.80 |
| Bread, . . lbs. | 4,892 | 1,744.60 | .05 | 35,340 | 1,943.70 | .055 | 34,971 | 1,923.42 | .055 |
| Ice, . . . tons. | 305 | 887.55 | 2.91 | 352¾ | 737.72 | 2.209 | 380 1/10 | 679.27 | 1.78 |
| Sugar, . . lbs. | 20,552 | 1,901.06 | .09 | 22,192 | 2,021.57 | .091 | 20,980 | 1,801.38 | .086 |
| Tea, . . . lbs. | 555 | 244.22 | .44 | 1,114 | 446.85 | .401 | 1,074 | 432.60 | .402 |
| Milk, . . . qts. | 92,350 | 4,617.50 | .05 | 95,358 | 5,007.70 | .052 | 106,032 | 5,637.78 | .053 |
| Potatoes, . bush. | 981 | 1,101.66 | 1.125 | 1,005 | 1,374.72 | 1.368 | 1,062½ | 1,129.15 | 1.063 |

| Articles. | 1884. | | | 1885. | | | 1886. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. |
| Beef, Sirloin, lbs. | 8,845½ | $2,183.64 | .246 | 9,543 | $2,160.12 | .226 | 9,764 | $2,206.32 | .225 |
| " for Soup, " | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| " Corned, " | 6,487 | 583.08 | .09 | 6,345 | 561.45 | .088 | 6,216 | 493.61 | .08 |
| " Round, " | 25,821 | 2,531.60 | .098 | 25,140 | 2,220.83 | .08 | 28,474 | 2,456.05 | .088 |
| " Rump, " | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| " Roasting, " | 16,438 | 2,003.44 | .121 | 17,220 | 1,936.58 | .112 | 18,346 | 1,972.72 | .10 |
| Mutton, . . " | 15,186½ | 2,102.29 | .138 | 13,189 | 1,585.60 | .12 | 11,721 | 1,536.20 | .12 |
| Poultry, . . " | 12,798 | 2,523.79 | .197 | 12,149 | 2,256.88 | .185 | 13,704 | 2,286.25 | .16 |
| Butter, . . . " | 11,321 | 3,636.60 | .32 | 11,447 | 3,368.27 | .294 | 12,122 | 3,576.20 | .294 |
| Eggs, . . doz. | 8,374 | 2,182.67 | .26 | 9,433 | 2,328.48 | .25 | 8,971 | 2,091.22 | .25 |
| Flour, . . bbls. | 53 | 383.25 | 7.23 | 55 | 341.85 | 6.21 | 55 | 316.55 | 5.75 |
| Bread, . . lbs. | 36,245 | 1,992.48 | .054 | 36,685 | 2,017.67 | .055 | 35,688 | 1,962.83 | .055 |
| Ice, . . . tons. | 407.55 | 773.20 | 1.89 | 433.65 | 966.57 | 2.22 | 487.52 | 1,123.21 | 2.30 |
| Sugar, . . lbs. | 22,474 | 1,563.49 | .069 | 21,245 | 1,288.65 | .06 | 23,042 | 1,357.59 | .055 |
| Tea, . . . lbs. | 1,080 | 435.85 | .403 | 853 | 341.70 | .40 | 1,205 | 482.00 | .40 |
| Milk, . . . qts. | 111,068½ | 5,907.26 | .053 | 110,332 | 5,943.84 | .053 | 113,669 | 6,054.88 | .052 |
| Potatoes, . bush. | 1,195 | 1,005.25 | .917 | 1,158 | 1,001.25 | .942 | 1,100 | 1,021.77 | .928 |

| Articles. | 1887. | | | 1888. | | | 1889. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. |
| Beef, Sirloin, lbs. | 9,516 | $1,972.84 | .20 | 10,224 | $2,394.77 | .23 | 11,703 | $2,171.52 | .18 |
| " Corned, " | 6,051 | 423.57 | .07 | 6,019 | 421.33 | .07 | 7,886 | 551.42 | .07 |
| " Round, " | 29,957 | 2,310.12 | .077 | 31,966 | 2,624.93 | .08 | 37,530 | 2,684.10 | .07 |
| " Rump, " | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| " Roasting, " | 18,928 | 1,652.59 | .08 | 18,054 | 1,831.18 | .10 | 18,750 | 1,745.45 | .09 |
| Mutton, . . " | 12,900 | 1,357.82 | .11 | 11,775 | 1,472.68 | .125 | 13,658 | 1,554.94 | .11¾ |
| Poultry, . . " | 14,997 | 2,390.26 | .15 | 14,242 | 2,321.90 | .16 | 17,294 | 2,925.32 | .16¾ |
| Butter, . . " | 12,848 | 3,761.27 | .29 | 13,103 | 3,897.19 | .29 | 15,721 | 4,268.10 | .27 |
| Eggs, . . doz. | 9,654 | 2,460.78 | .27 | 11,201 | 3,060.25 | 273 | 12,104 | 3,243.48 | .26⅞ |
| Flour, . . bbls. | 55 | 304.10 | 5.56 | 64 | 390.75 | 6.10 | 106 | 731.90 | 6.90 |
| Bread, . . lbs. | 40,353 | 2,219.40 | .055 | 37,270 | 2,049.87 | .055 | 35,080 | 1,929.42 | .055 |
| Ice, . . . tons. | 512.15 | 1,177.25 | 2.30 | 433 98 | 1,060.98 | 2.44 | 486.35 | 1,738.18 | 3.55 |
| Sugar, . . lbs. | 22,604 | 1,385.12 | .06 | 23,563 | 1,717.13 | .07 | 26,840 | 2,206.11 | .08 |
| Tea, . . . lbs. | 1,265 | 495.44 | .39 | 1,859 | 733.24 | .40 | 1,272¼ | 512.32 | .40 |
| Milk, . . . qts. | 134,232 | 7,150.11 | .052 | 144,823 | 7,704.16 | .053 | 153,984½ | 8,128.55 | .055 |
| Potatoes, . bush. | 1,215 | 1,352.92 | 1.11 | 1,080 | 1,098.30 | 1.01 | 1,232½ | 1,087.64 | .88 |

# TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE MASSACHUSETTS GENERAL HOSPITAL, FROM SEPTEMBER 3, 1821, TO DECEMBER 31, 1889.

| Year. | Total admitted. | Whole number treated. | | | Discharged well. | Percentage on "Total admitted." | Much relieved, or relieved in part. | Not relieved. | Not treated, unfit, dismissed, etc. | Deaths. | Percentage on "Total admitted." | Greatest number free at one time. | Greatest number paying at one time. | Greatest total. | Least total. | Average. | Accidents. | Percentage. | Average time of paying weeks. | Average time of free weeks. | Patients remaining under treatment Dec. 31. | | Out-patients treated. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Free. | Paying board all the time. | Paying part of the time. | Payi'g board. | Paying board part of time. | Free. | | | | | | | | | | | | | | | Paying. | Free. | |
| 21 to 1844 | 9092 | 3916 | 4649 | 527 | .... | .... | .... | 4127 | 37 | 3017 | 968 | 122 | 665 | 11 | .... | .... | 179 | 87 | 47* | .... | ..... | 4 | 6 | | | |
| 1844 | 435 | 250 | 174 | 11 | .... | .... | .... | 183 | 43 | 137 | 41 | 23 | 47 | 11 | .... | 30 | 71 | 40 | 53 | 55 | 12* | 3 6-7 | 7 1-7 | | | |
| 1845 | 453 | 265 | 176 | 12 | .... | ... | .... | 205 | 45 | 130 | 37 | 28 | 54 | 12 | 44 | 34 | 72 | 37 | 56 | 62 | 14 | 5 4-7 | 6 6-7 | | | |
| 1846 | 459 | 250 | 182 | 27 | .... | .... | .... | 211 | 46 | 137 | 30 | 33 | 36 | 8 | 44 | 28 | 72 | 37 | 55 | 59 | 13 | 3 1-2 | 4 3-4 | | | |
| 1847 | 674 | 354 | 279 | 41 | .... | .... | .... | 340 | 50 | 145 | 54 | 30 | 57 | 8 | 82 | 41 | 123 | 54 | 81 | 74 | 11 | 3 1-2 | 4 1-2 | ..... | ..... | 328 |
| 1848 | 804 | 460 | 283 | 61 | .... | .... | .... | 400 | 50 | 219 | 52 | 39 | 103 | 13 | 86 | 38 | 124 | 94 | 108 | 103 | 12* | 3 1-7 | 5 | ..... | ..... | 378 |
| 1849 | 870 | 543 | 273 | 54 | .... | .... | .... | 436 | 50 | 218 | 75 | 58 | 84 | 9 | 89 | 38 | 127 | 90 | 112 | 97 | 11 | 2 4-7 | 5 5-7 | ..... | ..... | 272 |
| 1850 | 746 | 427 | 242 | 77 | .... | .... | .... | 363 | 48 | 200 | 56 | 49 | 76 | 10 | 103 | 33 | 136 | 83 | 108 | 98 | 13 | 2 6-7 | 6 | ..... | ..... | 294 |
| 1851 | 839 | 477 | 298 | 64 | .... | .... | .... | 387 | 46 | 235 | 47 | 63 | 98 | 11 | 93 | 48 | 141 | 77 | 112 | 123 | 15 | 3 | 6 | ..... | ..... | 237 |
| 1852 | 826 | 472 | 271 | 83 | .... | .... | ... | 410 | 50 | 234 | 52 | 47 | 82 | 10 | 105 | 41 | 133 | 104 | 119 | 132 | 16 | 3 1-4 | 5 | ..... | ..... | 248 |
| 1853 | 925 | 505 | 335 | 85 | .... | .... | .... | 431 | 46 | 287 | 70 | 66 | 82 | 9 | 108 | 39 | 142 | 108 | 120 | 159 | 17 | 3 1-6 | 7 | ..... | ..... | 358 |
| 1854 | 922 | 490 | 321 | 111 | .... | .... | .... | 423 | 46 | 257 | 73 | 41 | 115 | 12 | 112 | 45 | 145 | 125 | 133 | 212 | 23 | 4 | 10 | ..... | ..... | 477 |
| 1855 | 915 | 416 | 352 | 147 | .... | .... | .... | 456 | 50 | 238 | 59 | 51 | 102 | 11 | 107 | 59 | 152 | 114 | 134 | 157 | 17 3-10 | 3 3-7 | 11 4-7 | ..... | ..... | 645 |
| 1856 | 976 | 545 | 335 | 96 | .... | .... | .... | 478 | 49 | 230 | 77 | 71 | 117 | 12 | 114 | 48 | 153 | 120 | 140 | 189 | 19 | 3 | 5 | ..... | ..... | 887 |
| 1857 | 920 | 549 | 280 | 91 | .... | .... | .... | 510 | 55 | 195 | 57 | 66 | 130 | 14 | 119 | 40 | 157 | 103 | 128 | 163 | 17 7-10 | 2 2-3 | 5 | ..... | ..... | 1574 |
| 1858 | 1015 | 718 | 251 | 46 | .... | .... | .... | 514 | 50 | 229 | 65 | 50 | 127 | 13 | 120 | 31 | 144 | 91 | 123 | 186 | 18* | 4 | 7* | ..... | ..... | 2223 |
| 1859 | 1240 | 934 | 257 | 49 | 287 | 49 | 1040 | 653 | 53 | 280 | 54 | 94 | 141 | 11 | 145 | 37 | 165 | 92 | 131 | 212 | 17 | 4 | 4 2-3 | 14 | 140 | 3523 |
| 1860 | 1240 | 997 | 201 | 42 | 215 | 42 | 1137 | 698 | 56 | 305 | 73 | 58 | 121 | 9¾ | 149 | 33 | 175 | 80 | 128 | 233 | 18 7-10 | 4 | 6 | 15 | 121 | 4433 |
| 1861 | 1416 | 1131 | 253 | 32 | 268 | 32 | 1252 | 831 | 59 | 318 | 79 | 57 | 99 | 7 | 135 | 37 | 162 | 120 | 140 | 297 | 21 | 4 | 5 3-4 | 16 | 124 | 4676 |
| 1862 | 1611 | 1175 | 425 | 11 | 441 | 11 | 1299 | 843 | 52 | 431 | 77 | 154 | 101 | 6¼ | 133 | 45 | 166 | 102 | 134 | 271 | 16 3-4 | 2 1-10 | 4 1-10 | 25 | 120 | 4800 |
| 1863 | 1648 | 1348 | 283 | 17 | 308 | 17 | 1468 | 856 | 52 | 459 | 96 | 70 | 162 | 9¾ | 135 | 29 | 158 | 116 | 137 | 292 | 17 7-10 | 3 4-10 | 4 | 24 | 126 | 4987 |
| 1864 | 1199 | 1262 | 326 | 11 | 350 | 11 | 1388 | 916 | 57 | 390 | 84 | 61 | 130 | 8 | 139 | 33 | 157 | 110 | 138 | 242 | 15 2-10 | 3.18 | 4.37 | 25 | 123 | 5619 |
| 1865 | 1199 | 564 | 567 | 68 | 592 | 68 | 687 | 702 | 59 | 295 | 68 | 74 | 104 | 8½ | 137 | 72 | 164 | 88 | 113 | 140 | 11 7-10 | 3.67 | 4.85 | 45 | 59 | 5356 |
| 1866 | 1120 | 497 | 578 | 45 | 693 | 45 | 556 | 677 | 60 | 82 | 50 | 74 | 96 | 8½ | 62 | 58 | 109 | 78 | 95 | 132 | 11 7-10 | 3.40 | 5.10 | 45 | 50 | 5608 |
| 1867 | 1206 | 626 | 556 | 24 | 601 | 24 | 676 | 676 | 56 | 282 | 62 | 141 | 94 | 7.8 | 77 | 62 | 126 | 72 | 104 | 113 | 9.36 | 3.37 | 4.26 | 39 | 69 | 4553 |
| 1868 | 1265 | 771 | 463 | 31 | 302 | 31 | 840 | 757 | 60 | 258 | 64 | 82 | 85 | 7 | 97 | 56 | 132 | 69 | 102 | 98 | 7.74 | 3.00 | 3.50 | 31 | 96 | 5264 |
| 1869 | 1390 | 834 | 532 | 24 | 563 | 24 | 930 | 771 | 55½ | 352 | 78 | 84 | 107 | 7.7 | 98 | 55 | 139 | 90 | 118 | 93 | 6.69 | 3.40 | 4.30 | 25 | 100 | 6953 |
| 1870 | 1302 | 858 | 414 | 30 | 439 | 30 | 958 | 780 | 60 | 303 | 65 | 68 | 85 | 6.45 | 106 | 45 | 137 | 98 | 120 | 140 | ..... | 3.37 | 4.82 | 24 | 86 | 8767 |
| 1871 | 1427 | 970 | 432 | 25 | 456 | 25 | 1056 | 821 | 57½ | 322 | 58 | 73 | 109 | 7.64 | 126 | 43 | 154 | 91 | 122 | 178 | ..... | 3.12 | 3.92 | 28 | 126 | 9792 |
| 1872 | 1547 | 1163 | 368 | 16 | 396 | 16 | 1289 | 958 | 62 | 313 | 76 | 84 | 120 | 7.75 | 133 | 42 | 160 | 97 | 135 | 259 | ..... | 3.15 | 4.35 | 30 | 120 | 11878 |
| 1873 | 1550 | 1075 | 411 | 64 | 441 | 64 | 1195 | 880 | 57 | 321 | 66 | 86 | 186 | 12 | 156 | 44 | 187 | 129 | 156 | 291 | ..... | 3.28 | 6.09 | 35 | 126 | 13517 |
| 1874 | 1639 | 1125 | 394 | 120 | 429 | 120 | 1251 | 946 | 57½ | 396 | 81 | 102 | 127 | 7.69 | 146 | 41 | 183 | 111 | 149 | 234 | ..... | 2.73 | 5.64 | 28 | 120 | 15612 |
| 1875 | 1841 | 1445 | 308 | 88 | 336 | 88 | 1565 | 1032 | 56 | 380 | 78 | 120 | 189 | 10.27 | 176 | 31 | 199 | 132 | 166 | 285 | ..... | 2.82 | 5.18 | 26 | 164 | 16993 |
| 1876 | 1906 | 1532 | 282 | 92 | 308 | 92 | 1696 | 1019 | 53½ | 502 | 91 | 144 | 150 | 7.86 | 182 | 36 | 210 | 163 | 185 | 245 | ..... | 3.22 | 5.73 | 19 | 171 | 17292 |
| 1877 | 1657 | 1270 | 339 | 48 | 358 | 42 | 1441 | 930 | 50 | 409 | 92 | 130 | 130 | 7.68 | 178 | 33 | 194 | 135 | 164 | 147 | ..... | 2.84 | 5.54 | 11 | 145 | 18004 |
| 1878 | 1794 | 1433 | 323 | 38 | 334 | 38 | 1578 | 956 | 50 | 505 | 59 | 138 | 134 | 7.46 | 170 | 34 | 187 | 132 | 165 | 200 | ..... | 2.80 | 5.27 | 17 | 141 | 18744 |
| 1879 | 1813 | 1436 | 335 | 42 | 352 | 42 | 1577 | 1040 | 57 | 422 | 84 | 125 | 143 | 7.94 | 165 | 30 | 188 | 131 | 163 | 222 | ..... | 2.84 | 5.16 | 17 | 140 | 18960 |
| 1880 | 2123 | 1724 | 354 | 45 | 371 | 45 | 1864 | 1186 | 54 | 545 | 74 | 150 | 151 | 7.16 | 165 | 35 | 188 | 156 | 170 | 351 | ..... | 2.58 | 4.53 | 17 | 157 | 20566 |
| 1881 | 2106 | 1678 | 402 | 26 | 419 | 26 | 1835 | 1324 | 62 | 429 | 70 | 103 | 189 | 8.96 | 168 | 39 | 195 | 139 | 166 | 391 | ..... | 2.79 | 4.41 | 15 | 140 | 18443 |
| 1882 | 2147 | 1736 | 399 | 12 | 414 | 12 | 1876 | 1312 | 61 | 463 | 59 | 13 | 177 | 8.13 | 167 | 35 | 195 | 143 | 168 | 348 | ..... | 2.84 | 4.41 | 24 | 141 | 16304 |
| 1883 | 2020 | 1492 | 449 | 79 | 473 | 79 | 1633 | 1286 | 63 | 378 | 61 | 108 | 181 | 8.93 | 168 | 49 | 189 | 143 | 168 | 432 | ..... | 2.75 | 4.80 | 32 | 128 | 7102* |
| 1884 | 2096 | 1667 | 382 | 47 | 448 | 47 | 1815 | 1318 | 62 | 367 | 68 | 137 | 191 | 9.11 | 159 | 40 | 186 | 129 | 165 | 397 | ..... | 3 | 4.14 | 19 | 148 | 14824 |
| 1885 | 2327 | 1910 | 371 | 46 | 382 | 46 | 2044 | 1584 | 68 | 361 | 73 | 129 | 192 | 8.25 | 166 | 26 | 184 | 147 | 167 | 443 | ..... | 2.38 | 4.08 | 11 | 134 | 17016 |
| 1886 | 2580 | 2124 | 392 | 64 | 409 | 64 | 2283 | 1689 | 65 | 411 | 64 | 175 | 192 | 7.44 | 178 | 30 | 206 | 133 | 173 | 471 | ..... | 2.78 | 3.72 | 17 | 159 | 17925 |
| 1887 | 2814 | 2340 | 429 | 45 | 447 | 45 | 2523 | 1694 | 60 | 565 | 89 | 173 | 245 | 8.70 | 196 | 40 | 217 | 150 | 185 | 490 | ..... | 2.90 | 3.57 | 18 | 183 | 18981 |
| 1888 | 3256 | 2549 | 553 | 154 | 570 | 154 | 2731 | 2021 | 61 | 640 | 100 | 210 | 277 | 8.50 | 194 | 42 | 215 | 156 | 193 | 496 | ..... | 2.16 | 3.46 | 17 | 182 | 19472 |
| 1889 | 3419 | 2825 | 500 | 94 | 514 | 94 | 3016 | 2034 | 59 | 669 | 110 | 300 | 285 | 8.33 | 205 | 29 | 227 | 170 | 207 | 530 | ..... | 2.28 | 5.40 | 14 | 191 | 22939 |
| | 77169 | | | | | | | 33064 | | 18261 | 4116 | 4449 | 6568 | | | | | | | | | | | | | 388824 |

## MASSACHUSETTS GENERAL HOSPITAL.

The Massachusetts General Hospital is a private, not a public institution.

Applications for admission of patients must be made at the Hospital on Blossom Street, Boston, on week-days, between the hours of 9 and 11 A.M. and 2 and 3 P.M.

Recent accidents admitted at all hours.

Out-patients received between 9 and 10 A.M., week-days only.

Applications from a distance must be made in writing, accompanied by a full description of the case by the attending physician, and, when a Free Bed is desired, by a statement of the pecuniary condition of the patient, and wait for a reply before sending the patient.

Contagious and chronic diseases are not admitted.

Regular charges to paying patients are as follows: in the Jackson Ward (private), $50 per week; in small room in the Townsend and Bigelow Wards, $25 per week; in the General Wards, $10 per week. These rates, covering only expenses of board and lodging, may be increased or abated in individual cases by the Resident Physician.

JOHN W. PRATT,
*Resident Physician.*

# THE AMBULANCE

OF THE

## MASSACHUSETTS GENERAL HOSPITAL,

Accompanied by a medical officer, will be despatched to any point within the city proper for the conveyance of cases of *accident* or *urgent sudden sickness*, *not contagious*, to this Hospital, or elsewhere, upon notice from a physician, the police, or other responsible source, subject to the approval of the undersigned.

In cases requiring gratuitous treatment, no charge will be made.

By order of the Board of Trustees.

JOHN W. PRATT,
*Resident Physician,*
*Mass. Gen. Hospital, Blossom St.*

# SEVENTY-SECOND ANNUAL REPORT

OF THE

# SUPERINTENDENT OF THE McLEAN ASYLUM FOR THE INSANE

TO THE

# TRUSTEES OF THE MASS. GENERAL HOSPITAL,

**For the Year 1889.**

---

TO THE TRUSTEES OF THE MASSACHUSETTS GENERAL HOSPITAL:

*Gentlemen*, — The following report, with tabular statements relating to the number and condition of the patients treated in the Asylum during the year 1889, is respectfully presented: —

## TABLE No. 1.

GENERAL STATISTICS OF THE YEAR.

| | Males. | Females. | Total. |
|---|---|---|---|
| Patients in the Asylum, Jan. 1, 1889, . . . | 76 | 90 | 166 |
| Admissions within the year, . . . . . | 58 | 55 | 113 |
| Whole number of *cases* within the year, . . | 134 | 145 | 279 |
| Discharged within the year, . . . . . | 51 | 54 | 105 |
| Namely,— as Recovered, . . . . . | 11 | 22 | 33 |
| Much improved, . . . . . | 7 | 8 | 15 |
| Improved, . . . . . | 9 | 7 | 16 |
| Unimproved, . . . . . | 8 | 12 | 20 |
| Not insane, . . . . . | 4 | 1 | 5 |
| Deaths, . . . . . | 12 | 4 | 16 |
| Patients remaining Dec. 31, 1889, supported as private patients, . . . . | 83 | 91 | 174 |
| Number of different *persons* within the year, | 132 | 145 | 277 |
| " " " " admitted, . . | 57 | 55 | 112 |
| " " " " recovered, . . | 11 | 22 | 33 |
| Daily average number of patients, . . . . | 79.44 | 89.22 | 168.66 |

During the year, one man was twice admitted. One man present at the beginning of the year was discharged and readmitted. Thus there were two hundred and seventy-nine cases treated, representing two hundred and seventy-seven persons.

Of the one hundred and twelve persons admitted during the year, sixty-one were regarded as recent cases, and fifty-one as chronic, or incurable.

Eighty-seven persons, forty-seven men and forty women, had never been in any hospital. Of the remaining twenty-five persons, seventeen, five men and twelve women, were admitted for the second time; four persons, two men and two women, for the third time; one man for the fourth time; one woman for the sixth time; one man for the seventh time; and one man for the twenty-fourth time.

In 1889 there were eight more admissions, two more discharges, and ten more cases under treatment than during the year 1888; and the number present was eight more at the end than at the beginning of the year.

Of the one hundred and four persons discharged, including deaths, fourteen, six men and eight women, were transferred to other hospitals in this State, two men to hospitals in another State, and one woman to a foreign asylum.

Of the thirty-three persons discharged recovered, twenty-two had never before been inmates of any hospital; and, of the remaining eleven persons, eight had been in this Asylum, two in asylums in other States, and one in a foreign asylum. These eleven persons had previously made thirty-six recoveries.

The average duration of illness from the beginning of attack in all cases recovered was 9.31 months, and the average duration of their residence in the Asylum was 5.83 months.

The percentage of recoveries on all admissions, of persons accounted as insane, for the year 1889, was 30.84. The medical work of the year was more than usually active. The number admitted has been equalled only once before during the past ten years, and not previously since 1860. The general results of the last year's work are satisfactory.

The voluntary cases admitted during the year numbered forty-two. These represented forty-one persons,— twenty-three men and eighteen women. Of these, twenty-one were cases of melancholia, three of mania, one of "fixed ideas," four of delusional insanity, one of senile insanity, three of secondary dementia, one of paralytic insanity, one of general paralysis, and six were not insane. Of these forty-one persons, three were committed after entering the Asylum as voluntary cases, and one was twice admitted as a voluntary case. The forty-two voluntary cases admitted during the year furnished eleven recoveries; and twenty-nine such cases remaining from previous years furnished five other recoveries during this year, making a total of sixteen recoveries out of seventy-one cases,— the total number of this class under treatment during the year. Thus the voluntary patients have yielded 38.1 per cent. of recoveries on the admissions of that class for 1889. Of this class, seven other cases were discharged much improved, seven improved, six not improved, five not insane, and three dead. Of these forty-two cases admitted in 1889, there were remaining, at the end of the year, fifteen persons, seven men and eight women; and fourteen persons, five men and nine women, also remained from the admissions of previous years: so that the total remaining under the voluntary relation is twenty-nine persons, twelve men and seventeen women.

The number of persons admitted as voluntary patients under the present law is as follows: namely, 1881, 1; 1882, 11; 1883, 33; 1884, 49; 1885, 34; 1886, 29; 1887, 29; 1888, 34; 1889, 41,—a total of 261 persons in nine years.

The voluntary system, as it has been in practice here in the nine years since the enactment of the law establishing it, has yielded most beneficent results. It has not only been a blessing to the many patients who have gladly availed themselves of its benefits, but it has done good to the Asylum itself in stimulating improvement in the care of all its patients. Many persons who are in the earlier stages of simple melancholia, or who have some one of the milder forms, or are in an early stage, of mental disorder, are well aware of the nature of their illness, and yield readily and often gladly to the advice of friends or physicians to place themselves under special care. Intelligent patients appreciate the privilege of avoiding a formal examination and the dreaded declaration of insanity; and therefore, with the voluntary system, they seek hospital care earlier, and under the helpful influence of the consciousness that it is their own act. The formality required is the signing of a request for "admission for care and treatment." There might appear to be an inconsistency, even an impropriety, in the admission of these patients as voluntary who are classed as insane as above stated. But these conditions often develop, or become apparent, upon observation after admission. These voluntary patients include a more or less doubtful class of cases for whose commitment attending physicians would not be willing to certify to insanity, if the patient could not be persuaded to come to the Asylum. Such physicians might, on the contrary, certify if the same patient were to be persuaded. It is for such cases

near the border-line, about whom there might be a difference of opinion, that the system is a great boon. It is probable that not a few patients, now properly committed to our hospitals for the insane, would not be so committed, were there a contest about it on the part of the patients or their friends. The question as to whether they could or could not be formally committed being doubtful in such cases, an intelligent declaration of a desire for admission to the Asylum is accepted as evidence of capacity to make an application, and every benefit of the doubt is given to the applicant expressing such a desire. It is a noteworthy anomaly of the law that, while it disqualifies every asylum physician as untrustworthy in the matter of certifying commitments of patients to any asylum, it still puts upon him the onus of deciding whether or not a person making to him a voluntary application to come under such physician's own care could be committed as insane. The practice of the Asylum in regard to this class of patients is, however, that sanctioned by the Board of Lunacy and Charity; and, the applicant being accepted, a careful report, stating the particulars of the case, is at once forwarded to the Board.

It is interesting to note that for a number of years one-third or more of all admissions here have been of voluntary cases, and not a few were of persons who had been here one or more times before; also, that the number has gradually diminished of those who, after such admission, require commitment in the regular form because of having demanded their discharge before being well enough to go. Last year there were only three such cases; and there is a corresponding decrease in the cases discharged under the well-understood provision of the law, requiring a discharge to be given within three days after a request

for it in writing is made. In other words, the presence of voluntary patients, who are reasonably content to stay under treatment, has become such a feature of our Asylum life that new-comers are impressed by it, and held to their own good purpose by example and by the feeling of mutual confidence that is fostered between patients, nurses, and physicians. In the first years of the operation of the law, it was difficult to persuade the voluntary patients to remain sufficiently long. It was a matter of much painstaking to make the conditions of residence and care acceptable, and the logic of the results now attained is self-evident.

The essential value of this system is that its success depends upon the active exercise of human sympathy and mutual confidence in the place of custodial restraint; and not only are the conditions of "moral treatment" rendered greatly more effective, but all who are concerned in these kindlier relations are lifted up by them. It is significant that in the nine years' working of the voluntary law in Massachusetts so little criticism of it has been made, and so much good has come of it, of a kind that none but those who make use of it can properly appreciate.

The ladies' gymnasium, described in the report of last year, has been as useful as it was expected to be. Its large and pleasant sitting-room has been an attractive resort at all times, and especially cheerful with its open fire during the long evenings in the cooler weather. The teaching of the classes of nurses in gymnastic exercises has been shared by patients who could take the physical training in the more active form. The instruction has been continued as last year by Miss Adams for both the senior and junior classes of nurses; and in October the senior class began a course of special training in medical gymnas-

tics, under the instruction of Baron Nils Posse, M.G., which will be continued during the school season of eight months. The nurses are thus qualified to add to their practice of massage the use of the requisite variety of movements adapted to the condition of individual patients, and carefully prescribed in all cases. It is hoped that it will prove to be a valuable qualification of these nurses that they can satisfactorily apply these remedial measures under the direction of physicians in private practice.

The success of this gymnasium for the ladies has prompted the like transformation of the gentlemen's bowling-alley and billiard-room, where some apparatus for physical training has been usefully employed for a number of years. The building having already been moved to a position more accessible from the house, its enlargement by a commodious reading-room and a smoking-room will be a source of great comfort and benefit as a place of common resort by day and evening. The use of physical exercise can be made systematic and efficient in the ample space provided, with an equipment of the requisite apparatus.

The Training School for Nurses is now well established, both as an integral part of the work of the Asylum and in the acceptance of its graduates as a worthy contribution to the public good. These considerations justify the special report of the school, which may be found in the Appendix; and attention is invited to the account there given of the establishment of the school and to the statement of its present progress and purposes.

The laboratory for pathological work and investigation in experimental psychology for clinical purposes is now nearly ready for use. A small building added to the former laboratory will contain a mortuary and autopsy room, long needed; three rooms for micro-

scopy, photography, and the experimental work; and a small room for chemical examinations. It is believed that the interest stimulated by the investigations to be carried on here, with the contributions made to them from the strictly clinical side, will yield direct benefit to the patients, through the better understanding of both the mental and physical symptoms which they present.

The appointment recently made of a medical house pupil to assist in the department just mentioned increases the undergraduate staff to three,— one in each service under the immediate charge of an assistant physician. This medical interne system is like that of the general hospitals, and has been in existence here with most satisfactory results for ten years, and twenty-one men have served under it. One appointment is made every six months for one year's service,— one-half with the men, and the other in the department for women. These officers are without pay and give only part of their time to the Asylum, their duty including one daily visit to certain wards, making chemical examinations in the laboratory, keeping the clinical records, and attending to the feeding of patients and other like duties as may be required. This leaves much time for pursuing their medical studies. The graduates of this service uniformly testify to the value of the clinical experience it gives them; it furnishes a corps of excellently prepared candidates for appointment as assistant physicians. The great value of this system to the Asylum is found in the relief of the assistants from the work of clinical clerks, in the freedom to devote more time to clinical observations and to the teaching in the Training School, and especially to the study of the literature of their special professional work. This system thus affords some of the necessary conditions

for scientific advancement, to the direct benefit of the patients; and incidentally it promotes the public good through the education of a considerable number of physicians in the treatment and prevention of insanity.

The ten years of the history of the Asylum now just completed present some considerations worthy of notice. During all that period, it has continued under difficult conditions as to its surroundings; and the development of modern methods in its work has been distinctly obstructed by defects of construction and by the obvious objection to expenditure of money here, with the building of a new asylum in view.

But, the necessity being recognized of maintaining the status of the Asylum in its special work as high as possible, it has not only been kept in thorough repair, but money has been freely expended upon alterations and improvements extraordinary in relation to the usual current expenses. Wards have been improved and brightened by new alcoves and broad windows, and many minor changes have been made for the comfort of the household and to facilitate the hospital work. Experiments in construction have been tried with reference to the planning of new buildings. The most recent of these improvements are the gymnasiums and the laboratory for physiological psychology. A special feature of the ten years' work has been the radical change in the nursing service. The reform of nursing the insane has been taken from its long-existent stage of experiment, and a school has been established which educates a new order of Asylum nurses, fully up to the standard of the great reform in general hospital nursing. This work here has cost much extra labor and some money, — all returned in the improved care of the sick.

In accomplishing all these things in the face of

obstructive conditions, the summary of the ten years' work shows that the Asylum has more than sustained itself financially, independent of aid from the general funds, besides expending nearly ten thousand dollars in improvements at Belmont for the new Asylum.

It has long been accepted that the need of removal of the Asylum to new grounds is imperative, because of the adverse conditions in the present surroundings, although tolerable comfort and good work are still attainable here. It should be kept in mind, however, that it is not altogether a matter of being driven from our present place: the invitation and duty to do better work than can possibly be done here are very urgent. It stands confessed that the care of the private classes of the insane in hospitals of the character of the McLean Asylum is, relatively to what is properly expected of them, in some important particulars behind the progress that has been made in the public hospitals. While the private proprietary houses are entirely suitable for certain cases, it is well known by those familiar with the truth of what are, and what should be, the facts in this matter that a properly constructed hospital, with its abundance of facilities for investigation and care of its cases, should present far superior curative advantages. The new era that all have long been waiting for is already at hand, and waiting itself to be entered upon.

In support of this proposition, let the facts just recounted of the recent experiences here be taken. Good work, with bad construction and unfavorable conditions, has commanded the confidence of the public and the support of the Asylum. There can be no question as to the better support of a new Asylum, with inviting conditions. The means of perfecting the nursing service are now so well in hand that, in this fundamental requisite, the personal care

of the sick here cannot be excelled by the best conditions of private hospitals; and the poorest patients have the benefit of this quality of nursing. The new provisions for advancement in medical work are already inaugurated. All these elements have been worked up to a state of readiness for the opportunity that proper construction in new buildings can alone afford. Progress is now delayed, and the consequences involved are important. We wait for new buildings to round out these labors.

In this forecasting of what may be, another consideration of broad import, that has long been held in mind, may well be mentioned. The law bears fruit here that a new principle established in the conduct of affairs will, if a true one, evolve higher truths that in turn contribute to advancement. The voluntary system already described was established on correct lines: its workings here have evolved a breadth of moral results but dimly foreseen. More than these, patients, friends, and physicians alike have seized upon its provisions as a happy relief from the commonly felt "stigma" of resort to an "asylum." Many suppose and erroneously say that there is a special and separate department here for the treatment of nervous disorders. This allays the repugnance to hospital care, and great good is gained because it is earlier and more freely sought. Let the truth this teaches be clearly seen: it is not a new Asylum that is wanted,— it is a new Hospital. The McLean Hospital — for nervous and mental diseases, if this specification be needed — will be a fitting and inviting place, not only for the insane, but for a class of allied neurotic and mental disorders that are now repelled from such an Asylum as this, where they can best be treated.

The new Hospital at Belmont may consist of a group of houses scattered about upon the beautiful

sites the grounds afford. Each house may be quite homelike, with its dwellers free from exterior annoyances, because it may be well separated from all other buildings. Such separation will be entirely consistent with proper supervision and safety, because the nurse of the new order is so trustworthy that there will practically be a "supervisor" in each building. There may be special detached houses for the milder manifestations of nervous and mental disorder, all affording strictly the conditions of a hospital, with the understanding that many come to it having mental disorders that are not insanity, yet all being legitimate cases for the Hospital that is to be, in the new order of things in these matters. A small cottage could be placed in some one of a number of pleasant isolated situations, for the sole use of a patient, who might even make it a life-residence. The building of one-half of the new Hospital, and the transfer of the Women's Department to Belmont, would sustain the progressive movement that it is now most desirable to push forward; and such a division into two establishments is a proper one. It was said of this in my report of last year, "This will be in the interests of economy, good service, freedom from many pressing difficulties, proper classification, and the best good of the sick." There would be, of course, some increase of cost due to such a division,—chiefly in a few of the administrative positions, and therefore not relatively large; yet this would not be inconsistent with proper economy, as the better conditions would undoubtedly command the requisite means of support.

It is now urged that the foregoing considerations are re-enforced by those newly stated in this report. Our needs as to new construction have been well studied. The preparatory development has been made of our medical work according to the best modern

ideas. The substantial support of the public has been kept, under adverse circumstances, through its appreciation of the service rendered to it. The opportunity is waiting, for nowhere has the modern ideal hospital yet been built. Postponement does more than retard progress. It is abortive of good work, and there is a crying need of better relief for the sick.

The plans for one building at Belmont are already well studied, also a detailed plan of the grounds and the relations of sites for a group of buildings. It would be of great and immediate advantage if we could have at once a building suitable for one of the main group, and to be called the Belknap, or by the name of some other of the benefactors of the Asylum; and, if an Appleton building of moderate size could be added, these two could be properly administered, and meet the present urgent need of a place for convalescents and for special cases. The present demand for such accommodations indicates clearly the source of support for them, and it is earnestly recommended that work upon these two buildings may be begun in the coming year.

In the Pathological and Psychological Department, Dr. Gannett has continued his former work in the absence of Dr. Noyes in Europe for a large part of the year. The report of the department will be found in the Appendix. Clinical instruction to students from Harvard Medical School was given, as formerly, during part of the year.

The kind interest of the friends of the Asylum has been continued in many ways, with the accustomed sympathy and helpfulness. These are gratefully appreciated by our patients and those who are engaged in caring for them, and all are sincerely thankful.

Very respectfully,

EDWARD COWLES,
*Medical Superintendent.*

## TABLE No. 2.

MONTHLY ADMISSIONS, DISCHARGES, AND AVERAGES.

| Months. | Admissions. | | | Discharges (including Deaths). | | | Daily Average of Patients in the House. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| January, . . | 4 | 3 | 7 | 2 | 4 | 6 | 77.61 | 84.33 | 161.94 |
| February, . | 6 | 8 | 14 | 7 | 1 | 8 | 75.85 | 86.50 | 162.35 |
| March, . . | 5 | 3 | 8 | 2 | 2 | 4 | 78.35 | 87.97 | 166.32 |
| April, . . . | 6 | 5 | 11 | 4 | 9 | 13 | 77.00 | 88.70 | 165.70 |
| May, . . . | 9 | 5 | 14 | 3 | 5 | 8 | 80.61 | 89.61 | 170.22 |
| June, . . . | 2 | 3 | 5 | 3 | 2 | 5 | 82.20 | 90.16 | 172.36 |
| July, . . . | 5 | 4 | 9 | 5 | 2 | 7 | 79.38 | 89.20 | 168.58 |
| August, . . | 5 | 2 | 7 | 8 | . . | 8 | 79.16 | 92.97 | 172.13 |
| September, . | 4 | 6 | 10 | 1 | 6 | 7 | 76.06 | 92.84 | 168.90 |
| October, . . | 4 | 5 | 9 | 4 | 6 | 10 | 80.42 | 91.19 | 171.61 |
| November, . | 4 | 4 | 8 | 5 | 6 | 11 | 83.27 | 89.41 | 172.68 |
| December, . | 4 | 7 | 11 | 7 | 11 | 18 | 83.35 | 87.74 | 171.09 |
| Total *cases*, . | 58 | 55 | 113 | 51 | 54 | 105 | 79.44 | 89.22 | 168.66 |
| Total *persons*, | 57 | 55 | 112 | 50 | 54 | 104 | . . | . . | . . |

## TABLE No. 3.

RECEIVED ON FIRST AND SUBSEQUENT ADMISSIONS.

| Number of the Admission. | Cases admitted. | | | Times previously recovered. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| First, . . . . . | 47 | 40 | 87 | 5 | 2 | 7 |
| Second, . . . . | 5 | 12 | 17 | 2 | 5 | 7 |
| Third, . . . . . | 3 | 2 | 5 | 2 | 2 | 4 |
| Fourth, . . . . . | 1 | . . | 1 | 1 | . . | 1 |
| Sixth, . . . . . | . . | 1 | 1 | . . | . . | . . |
| Seventh, . . . . | 1 | . . | 1 | 6 | . . | 6 |
| Twenty-fourth, . . | 1 | . . | 1 | 23 | . . | 23 |
| Total of *cases*, . . | 58 | 55 | 113 | 39 | 9 | 48 |
| Total of *persons*, . | 57 | 55 | 112 | . . | . . | . . |

These 48 recoveries represent 19 persons, 15 having recovered one, 2 two, 1 six, and 1 twenty-three times.

## TABLE No. 4.

### AGES OF PERSONS ADMITTED FOR THE FIRST TIME.

| Ages. | At first attack of Insanity. | | | When admitted. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| Congenital, | 1 | . . | 1 | . . | . . | . . |
| From 10 to 15 yrs., | 2 | . . | 2 | 1 | . . | 1 |
| " 15 " 20 " | . . | 1 | 1 | 1 | 1 | 2 |
| " 20 " 25 " | 6 | 5 | 11 | 6 | 4 | 10 |
| " 25 " 30 " | 4 | 5 | 9 | 5 | 6 | 11 |
| " 30 " 35 " | 3 | 10 | 13 | 2 | 9 | 11 |
| " 35 " 40 " | 2 | 4 | 6 | 3 | 4 | 7 |
| " 40 " 50 " | 12 | 7 | 19 | 10 | 6 | 16 |
| " 50 " 60 " | 8 | 5 | 13 | 9 | 7 | 16 |
| " 60 " 70 " | 5 | 3 | 8 | 6 | 3 | 9 |
| " 70 " 80 " | 4 | . . | 4 | 3 | . . | 3 |
| " 80 " 90 " | . . | . . | . . | 1 | . . | 1 |
| Total of *persons*, | 47 | 40 | 87 | 47 | 40 | 87 |

## TABLE No. 5.

### PARENTAGE OF PERSONS ADMITTED.

| Places of Nativity. | Males. | | Females. | | Total. | |
|---|---|---|---|---|---|---|
| | Father. | Mother. | Father. | Mother. | Father. | Mother. |
| Maine, | 8 | 10 | 4 | 4 | 12 | 14 |
| New Hampshire, | 6 | 5 | 3 | 1 | 9 | 6 |
| Vermont, | . . | 1 | . . | . . | . . | 1 |
| Massachusetts, | 25 | 23 | 28 | 33 | 53 | 56 |
| New York, | 4 | 4 | 3 | 2 | 7 | 6 |
| Pennsylvania, | 1 | . . | 1 | 1 | 2 | 1 |
| North Carolina, | . . | . . | 1 | . . | 1 | . . |
| Ohio, | . . | . . | 1 | 1 | 1 | 1 |
| California, | . . | . . | 1 | 1 | 1 | 1 |
| Norway, | . . | . . | 1 | 1 | 1 | 1 |
| England, | 1 | 1 | 1 | . . | 2 | 1 |
| Ireland, | 7 | 7 | 6 | 7 | 13 | 14 |
| Nova Scotia, | 2 | 2 | . . | . . | 2 | 2 |
| New Brunswick, | . . | . . | 1 | 1 | 1 | 1 |
| South America, | . . | 1 | . . | . . | . . | 1 |
| Canada, | . . | . . | 1 | 1 | 1 | 1 |
| Newfoundland, | . . | . . | 1 | 1 | 1 | 1 |
| Scotland, | 2 | 3 | . . | . . | 2 | 3 |
| Germany, | . . | . . | 1 | . . | 1 | . . |
| Russia, | 1 | . . | . . | . . | 1 | . . |
| Fayal, | . . | . . | 1 | 1 | 1 | 1 |
| Total of *persons*, | 57 | 57 | 55 | 55 | 112 | 112 |

## TABLE No. 6.

RESIDENCE OF PERSONS ADMITTED.

| Places. | Males. | Females. | Total. |
|---|---|---|---|
| Massachusetts: — | | | |
| Suffolk County, | 21 | 20 | 41 |
| Middlesex County, | 15 | 20 | 35 |
| Essex County, | 4 | 2 | 6 |
| Norfolk County, | 4 | 5 | 9 |
| Plymouth County, | 2 | 2 | 4 |
| Bristol County, | 1 | 1 | 2 |
| Barnstable County, | 1 | 1 | 2 |
| Hampden County, | 1 | 1 | 2 |
| Maine, | 3 | .. | 3 |
| New Hampshire, | 1 | 1 | 2 |
| Vermont, | 1 | .. | 1 |
| New York, | .. | 1 | 1 |
| Illinois, | 1 | .. | 1 |
| Kansas, | 1 | .. | 1 |
| Nova Scotia, | 2 | .. | 2 |
| New Brunswick, | .. | 1 | 1 |
| Total of *cases*, | 58 | 55 | 113 |
| Total of *persons*, | 57 | 55 | 112 |

## TABLE No. 7.

CIVIL CONDITIONS OF PERSONS ADMITTED.

| Number of the Admission. | Unmarried. | | | Married. | | | Widowed. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| First, | 15 | 16 | 31 | 28 | 18 | 46 | 4 | 6 | 10 |
| Second, | 2 | 6 | 8 | 3 | 5 | 8 | .. | 1 | 1 |
| Third, | 3 | 1 | 4 | .. | 1 | 1 | .. | .. | .. |
| Fourth, | .. | .. | .. | 1 | .. | 1 | .. | .. | .. |
| Sixth, | .. | 1 | 1 | .. | .. | .. | .. | .. | .. |
| Seventh, | .. | .. | .. | 1 | .. | 1 | .. | .. | .. |
| Twenty-fourth, | 1 | .. | 1 | .. | .. | .. | .. | .. | .. |
| Total *cases*, | 21 | 24 | 45 | 33 | 24 | 57 | 4 | 7 | 11 |
| Total *persons*, | 21 | 24 | 45 | 32 | 24 | 56 | 4 | 7 | 11 |

## TABLE No. 8.

OCCUPATIONS OF PERSONS ADMITTED.

| Occupations. | Males. | Females. | Total. |
|---|---|---|---|
| Housewife, | .. | 26 | 26 |
| Clerk, | 8 | .. | 8 |
| Manufacturer, | 1 | .. | 1 |
| Merchant, | 7 | .. | 7 |
| Farmer, | 3 | .. | 3 |
| Gardener, | 1 | .. | 1 |
| Student, | 5 | 2 | 7 |
| Teacher, | 2 | 1 | 3 |
| Lawyer, | 3 | .. | 3 |
| Editor, | 1 | .. | 1 |
| Physician, | 2 | .. | 2 |
| Clergyman, | 1 | .. | 1 |
| Hydrographer, | 1 | .. | 1 |
| Proof-reader, | .. | 1 | 1 |
| Railroad Manager, | 2 | .. | 2 |
| Naval Officer, | 1 | .. | 1 |
| Actor, | 1 | 1 | 2 |
| Railroad Engineer, | 1 | .. | 1 |
| Artist, | 2 | .. | 2 |
| Mechanic, | 3 | .. | 3 |
| Hotel-keeper, | 1 | .. | 1 |
| Commercial Traveller, | 2 | .. | 2 |
| Police Officer, | 1 | .. | 1 |
| Servant, | 1 | 3 | 4 |
| Dressmaker, | .. | 4 | 4 |
| No occupation, | 7 | 17 | 24 |
| Total of *persons*, | 57 | 55 | 112 |

## TABLE No. 9.

REPORTED DURATION OF INSANITY BEFORE LAST ADMISSION.

| Previous Duration. | First Admission to any Hospital. | | | All other Admissions. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Congenital, | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Under 1 mo., | 9 | 13 | 22 | 5 | 4 | 9 | 14 | 17 | 31 |
| Fr. 1 to 3 mo., | 12 | 8 | 20 | .. | 2 | 2 | 12 | 10 | 22 |
| " 3 " 6 " | 10 | 3 | 13 | 2 | 2 | 4 | 12 | 5 | 17 |
| " 6 " 12 " | 4 | 8 | 12 | 3 | 1 | 4 | 7 | 9 | 16 |
| " 1 " 2 yrs., | 8 | 4 | 12 | 1 | 5 | 6 | 9 | 9 | 18 |
| " 2 " 5 " | 4 | 4 | 8 | .. | .. | .. | 4 | 4 | 8 |
| " 5 " 10 " | .. | .. | .. | .. | 1 | 1 | .. | 1 | 1 |
| Total *cases*, | 47 | 40 | 87 | 11 | 15 | 26 | 58 | 55 | 113 |
| Total *persons*, | .. | .. | .. | 10 | 15 | 25 | 57 | 55 | 112 |
| Average of known persons (in years), | .50 | .55 | .52 | .37 | .88 | .68 | | | |

## TABLE No. 10.

FORM OF DISEASE IN THE CASES ADMITTED.

| Form of Disease. | Males. | Females. | Total. |
|---|---|---|---|
| Mania, acute, | 12 | 16 | 28 |
| Mania, puerperal, | . . | 2 | 2 |
| Folie-du-doute, | . . | 1 | 1 |
| Melancholia, acute, | 19 | 21 | 40 |
| Melancholia, puerperal, | . . | 1 | 1 |
| Hysterical Insanity, | 1 | 1 | 2 |
| Delusional Insanity, | 4 | 4 | 8 |
| Paralytic Insanity, | 1 | . . | 1 |
| Senile Insanity, | 6 | 1 | 7 |
| Dementia, primary, | . . | 1 | 1 |
| Dementia, secondary, | 3 | 4 | 7 |
| General Paralysis, | 8 | 1 | 9 |
| Not insane, | 4 | 2 | 6 |
| Total of *cases*, | 58 | 55 | 113 |
| Total of *persons*, | 57 | 55 | 112 |

## TABLE No. 11.

ALLEGED CAUSES OF INSANITY IN PERSONS ADMITTED.

| Causes. | Males. | Females. | Total. |
|---|---|---|---|
| *Mental.* | | | |
| Grief, | 1 | 1 | 2 |
| Anxiety, | 11 | 2 | 13 |
| Overstudy, | 5 | 1 | 6 |
| Religious Excitement, | . . | 1 | 1 |
| Christian Science, | . . | 1 | 1 |
| *Physical.* | | | |
| Ill-health, | 4 | 6 | 10 |
| Neurasthenia, | . . | 11 | 11 |
| Overwork, | 7 | 2 | 9 |
| Constitutional, | 5 | 5 | 10 |
| Change of life, | . . | 2 | 2 |
| Childbirth, | . . | 5 | 5 |
| Sunstroke, | 1 | . . | 1 |
| Acute Disease, | 2 | 2 | 4 |
| Surgical Operation, | 1 | . . | 1 |
| Cerebral Hemorrhage, | 1 | . . | 1 |
| Injury to Head, | 2 | 1 | 3 |
| Narcotics, | 1 | . . | 1 |
| Intemperance, | 2 | . . | 2 |
| Old age, | 5 | . . | 5 |
| Unknown, | 10 | 15 | 25 |
| Total of *cases*, | 58 | 55 | 113 |
| Total of *persons*, | 57 | 55 | 112 |

## TABLE No. 12.

RELATION TO HOSPITALS OF THE PERSONS ADMITTED.

| | Males. | Females. | Total. |
|---|---|---|---|
| Never before in any Hospital, | 47 | 40 | 87 |
| Former inmates of this Hospital, | 3 | 7 | 10 |
| Former inmates of other Hospitals in this State: — | | | |
| South Boston, | 1 | 1 | 2 |
| Private Asylum, | 2 | 2 | 4 |
| Westborough, | . . | 2 | 2 |
| Taunton, | . . | 1 | 1 |
| Former inmates of Hospitals in other States, | . . | 1 | 1 |
| Former inmates of this Hospital and of other Hospitals in this State: — | | | |
| Private Asylum, | 1 | . . | 1 |
| Danvers, | 2 | . . | 2 |
| South Boston, | 1 | . . | 1 |
| Former inmates of this Hospital and of Hospitals in other States, | 1 | 1 | 2 |
| Former inmates of foreign Hospitals, | . . | . . | . . |
| Total of *cases*, | 58 | 55 | 113 |
| Total of *persons*, | 57 | 55 | 112 |

## TABLE No. 13.

### DISCHARGES CLASSIFIED BY ADMISSION AND RESULT.

| Admission. | Recovered. | | | Much Improved. | | | Improved. | | | Unimproved. | | | Not Insane. | | | Died. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| First, . . . . | 7 | 15 | 22 | 6 | 3 | 9 | 8 | 7 | 15 | 6 | 8 | 14 | 4 | 1 | 5 | 9 | 3 | 12 | 40 | 37 | 77 |
| Second, . . . | 3 | 4 | 7 | . . | 4 | 4 | . . | . . | . . | 1 | 2 | 3 | . . | . . | . . | 3 | 1 | 4 | 7 | 11 | 18 |
| Third; . . . . | . . | 2 | 2 | . . | . . | . . | . . | . . | . . | 1 | 1 | 2 | . . | . . | . . | . . | . . | . . | 1 | 3 | 4 |
| Fourth, . . . | . . | 1 | 1 | 1 | . . | 1 | 1 | . . | 1 | . . | 1 | 1 | . . | . . | . . | . . | . . | . . | 2 | 2 | 4 |
| Seventh, . . . | . . | . . | . . | . . | 1 | 1 | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | 1 | 1 |
| Twenty-fourth, | 1 | . . | 1 | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | 1 | . . | 1 |
| Total of *cases*, . | 11 | 22 | 33 | 7 | 8 | 15 | 9 | 7 | 16 | 8 | 12 | 20 | 4 | 1 | 5 | 12 | 4 | 16 | 51 | 54 | 105 |
| Total of *persons*, | 11 | 22 | 33 | 7 | 8 | 15 | 9 | 7 | 16 | 8 | 12 | 20 | 4 | 1 | 5 | 12 | 4 | 16 | 51 | 54 | 105 |

## TABLE No. 14.

CASES DISCHARGED RECOVERED.—DURATION.

| Period. | Duration before Admission. | | | Hospital Residence. | | | Whole Duration from the Attack. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Under 1 mo., | 4 | 11 | 15 | 2 | 1 | 3 | 1 | 1 | 2 |
| Fr. 1 to 3 mo., | 4 | 4 | 8 | 4 | 5 | 9 | 4 | 3 | 7 |
| " 3 " 6 " | 2 | 5 | 7 | 3 | 11 | 14 | 2 | 5 | 7 |
| " 6 " 12 " | . . | . . | . . | 2 | 4 | 6 | 2 | 9 | 11 |
| " 1 " 2 yrs., | . . | 2 | 2 | . . | . . | . . | 1 | 3 | 4 |
| " 2 " 5 " | 1 | . . | 1 | . . | 1 | 1 | 1 | 1 | 2 |
| Total *cases*, | 11 | 22 | 33 | 11 | 22 | 33 | 11 | 22 | 33 |
| Total *persons*, | 11 | 22 | 33 | 11 | 22 | 33 | 11 | 22 | 33 |
| Average of known cases (in months), | 4.04 | 2.52 | 3.06 | 3.70 | 6.94 | 5.83 | 8.09 | 9.92 | 9 31 |

## TABLE No. 15.

CASES RESULTING IN DEATH.—DURATION.

| Period. | Duration before Admission. | | | Hospital Residence. | | | Whole Duration from the Attack. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Under 1 mo., . | 1 | 1 | 2 | 1 | . . | 1 | . . | . . | . . |
| From 1 to 3 mo., | 4 | 2 | 6 | 1 | . . | 1 | 2 | . . | 2 |
| " 3 " 6 " | 2 | . . | 2 | 2 | 1 | 3 | 1 | . . | 1 |
| " 6 " 12 " | 3 | . . | 3 | . . | 1 | 1 | . . | 1 | 1 |
| " 1 " 2 yrs., | . . | 1 | 1 | 3 | . . | 3 | 1 | 1 | 2 |
| " 2 " 5 " | 2 | . . | 2 | . . | 1 | 1 | 3 | 1 | 4 |
| " 5 " 10 " | . . | . . | . . | 3 | . . | 3 | 3 | . . | 3 |
| " 25 " 30 " | . . | . . | . . | . . | 1 | 1 | . . | 1 | 1 |
| " 30 " 40 " | . . | . . | . . | 1 | . . | 1 | 1 | . . | 1 |
| " 50 " 60 " | . . | . . | . . | 1 | . . | 1 | 1 | . . | 1 |
| Total, . . . | 12 | 4 | 16 | 12 | 4 | 16 | 12 | 4 | 16 |
| Average of known cases (in months), | 6.93 | 4.06 | 6.22 | 112.29 | 90.50 | 106.84 | 119.22 | 94.56 | 113.06 |

## TABLE No. 16.

CASES DISCHARGED BY RECOVERY OR DEATH.

| Form of Insanity. | Recoveries. | | | Deaths. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| Mania, acute, . . . | 4 | 11 | 15 | . . | . . | . . |
| Mania, puerperal, . . | . . | 2 | 2 | . . | . . | . . |
| Melancholia, acute, . | 5 | 8 | 13 | 2 | 2 | 4 |
| Melancholia, puerperal, | . . | 1 | 1 | . . | . . | . . |
| Hysterical Insanity, . | 1 | . . | 1 | . . | . . | . . |
| Delusional Insanity, . | 1 | . . | 1 | 1 | . . | 1 |
| Senile Insanity, . . . | . . | . . | . . | 2 | . . | 2 |
| Dementia, secondary, . | . . | . . | . . | 4 | 1 | 5 |
| General Paralysis, . . | . . | . . | . . | 3 | 1 | 4 |
| Total of *cases*, . . . | 11 | 22 | 33 | 12 | 4 | 16 |
| Total of *persons*, . . | 11 | 22 | 33 | 12 | 4 | 16 |

## TABLE No. 17.

CAUSES OF DEATH.

| Causes. | Males. | Females. | Total. |
|---|---|---|---|
| *Cerebral Disease.* | | | |
| General Paralysis, . . . . . | 3 | . . | 3 |
| Exhaustion from Melancholia, . . . . . | . . | 1 | 1 |
| Exhaustion from Senile Insanity, . . . . | 2 | 1 | 3 |
| Cerebral Rheumatism, . . . . . | 1 | . . | 1 |
| Chronic Hemorrhagic Pachymeningitis, . . | 1 | 1 | 2 |
| *Other Causes.* | | | |
| Ulcerative Endocarditis, . . . . . | 1 | . . | 1 |
| Pneumonia, . . . . . | 1 | 1 | 2 |
| Bronchitis, . . . . . | 1 | . . | 1 |
| Enteritis, . . . . . | 1 | . . | 1 |
| Peritonitis, . . . . . | 1 | . . | 1 |
| Totals, . . . . . | 12 | 4 | 16 |

## TABLE No. 18.

RECOVERIES, CLASSIFIED BY RESULTS OF PREVIOUS ADMISSIONS.*

| Number of the Admission. | Recovered. | | | Much Improved. | | | Not Improved. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Second, . . . . | 3 | 4 | 7 | . . | . . | . . | . . | . . | . . | 3 | 4 | 7 |
| Third, . . . . . | . . | 2 | 2 | . . | . . | . . | . . | . . | . . | . . | 2 | 2 |
| Fourth, . . . . | . . | 1 | 1 | . . | . . | . . | . . | . . | . . | . . | 1 | 1 |
| Twenty-fourth . . | 1 | . . | 1 | . . | . . | . . | . . | . . | . . | 1 | . . | 1 |
| Total of *cases*, . . | 4 | 7 | 11 | . . | . . | . . | . . | . . | . . | 4 | 7 | 11 |
| Total of *persons*, . | 4 | 7 | 11 | . . | . . | . . | . . | . . | . . | 4 | 7 | 11 |

* This classification is based upon the result of the admission next preceding the last, in each case respectively.

## TABLE No. 19.

DEATHS, CLASSIFIED BY DURATION OF INSANITY AND OF TREATMENT.

| Period. | Duration of Insanity. | | | Whole known period of Hospital Residence. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| Congenital, . . . | . . | . . | . . | . . | . . | . . |
| Under 1 month, . . | . . | . . | . . | 1 | . . | 1 |
| From 1 to 3 months, | 2 | . . | 2 | 2 | . . | 2 |
| " 3 " 6 " | 1 | . . | 1 | 1 | 1 | 2 |
| " 1 " 2 years, | 1 | 2 | 3 | 3 | 1 | 4 |
| " 2 " 5 " | 4 | 1 | 5 | 2 | 1 | 3 |
| " 5 " 10 " | 2 | . . | 2 | 1 | . . | 1 |
| " 20 " 30 " | . . | 1 | 1 | . . | 1 | 1 |
| " 30 " 40 " | 1 | . . | 1 | 1 | . . | 1 |
| " 50 " 60 " | 1 | . . | 1 | 1 | . . | 1 |
| Total, . . . . . | 12 | 4 | 16 | 12 | 4 | 16 |
| Average of known *cases* (in months), | 119.75 | 95.31 | 113.64 | 112.81 | 91.25 | 107.42 |

## TABLE No. 20.

### AGES OF THOSE WHO DIED.

| Ages. | At time of the first Attack. | | | At time of Death. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| From 20 to 25 years, | 1 | . . | 1 | . . | . . | . . |
| " 30 " 35 " | 1 | . . | 1 | . . | . . | . . |
| " 40 " 45 " | 1 | 1 | 2 | . . | . . | . . |
| " 45 " 50 " | 2 | 1 | 3 | 1 | 1 | 2 |
| " 50 " 60 " | 1 | . . | 1 | 2 | . . | 2 |
| " 60 " 70 " | 4 | 1 | 5 | 4 | 1 | 5 |
| " 70 " 80 " | 2 | 1 | 3 | 5 | 2 | 7 |
| Total, . . . . . | 12 | 4 | 16 | 12 | 4 | 16 |

# TABLE No. 21.

## ABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE McLEAN ASYLUM.

FROM ITS OPENING, OCT. 6, 1818, TO DEC. 31, 1889, INCLUSIVE.

| Years. | Admitted. | Discharged. | Whole No. under care. | Died. | Much improved, etc. | Recov'd. | Remaining at end of year. | Average No. of Patients. |
|---|---|---|---|---|---|---|---|---|
| 1818-25 | 398 | 344 | 623 | 29 | 205 | 110 | 279 | .. |
| 1826 | 47 | 46 | 101 | 5 | 21 | 21 | 55 | .. |
| 1827 | 58 | 56 | 113 | 5 | 17 | 34 | 57 | .. |
| 1828 | 77 | 65 | 134 | 5 | 37 | 23 | 69 | .. |
| 1829 | 73 | 77 | 142 | 9 | 42 | 26 | 65 | .. |
| 1830 | 82 | 78 | 147 | 10 | 34 | 34 | 69 | .. |
| 1831 | 83 | 84 | 152 | 8 | 46 | 30 | 68 | .. |
| 1832 | 94 | 98 | 162 | 10 | 45 | 43 | 64 | .. |
| 1833 | 103 | 100 | 167 | 8 | 50 | 42 | 67 | .. |
| 1834 | 108 | 95 | 174 | 7 | 47 | 41 | 80 | .. |
| 1835 | 83 | 84 | 163 | 11 | 28 | 45 | 77 | .. |
| 1836 | 106 | 112 | 183 | 10 | 38 | 64 | 71 | .. |
| 1837 | 120 | 105 | 191 | 8 | 25 | 72 | 86 | 80 |
| 1838 | 138 | 131 | 224 | 12 | 45 | 74 | 93 | 95 |
| 1839 | 132 | 117 | 225 | 10 | 38 | 69 | 108 | 112 |
| 1840 | 155 | 138 | 263 | 13 | 50 | 75 | 125 | 128 |
| 1841 | 157 | 141 | 283 | 11 | 55 | 75 | 142 | 135 |
| 1842 | 129 | 138 | 271 | 15 | 43 | 80 | 133 | 143 |
| 1843 | 126 | 126 | 260 | 18 | 45 | 63 | 134 | 131 |
| 1844 | 158 | 140 | 292 | 20 | 52 | 68 | 152 | 146 |
| 1845 | 119 | 120 | 271 | 13 | 33 | 74 | 151 | 149 |
| 1846 | 148 | 126 | 299 | 9 | 52 | 65 | 173 | 164 |
| 1847 | 170 | 170 | 343 | 33 | 50 | 87 | 173 | 172 |
| 1848 | 143 | 155 | 316 | 23 | 50 | 82 | 155 | 171 |
| 1849 | 160 | 137 | 321 | 15 | 58 | 64 | 184 | 177 |
| 1850 | 173 | 157 | 357 | 28 | 51 | 78 | 200 | 201 |
| 1851 | 164 | 173 | 364 | 29 | 69 | 75 | 191 | 195 |
| 1852 | 145 | 135 | 336 | 15 | 48 | 72 | 201 | 200 |
| 1853 | 114 | 120 | 315 | 17 | 45 | 58 | 195 | 194 |
| 1854 | 120 | 120 | 315 | 16 | 45 | 59 | 195 | 195 |
| 1855 | 123 | 126 | 318 | 24 | 46 | 56 | 192 | 192 |
| 1856 | 149 | 145 | 341 | 19 | 58 | 68 | 196 | 195 |
| 1857 | 141 | 159 | 337 | 28 | 60 | 71 | 178 | 191 |
| 1858 | 155 | 147 | 333 | 25 | 50 | 72 | 186 | 187 |
| 1859 | 131 | 142 | 317 | 28 | 53 | 61 | 175 | 185 |
| 1860 | 121 | 109 | 296 | 24 | 46 | 39 | 187 | 185 |
| 1861 | 111 | 110 | 298 | 23 | 33 | 54 | 188 | 193 |
| 1862 | 82 | 94 | 270 | 18 | 37 | 39 | 176 | 190 |
| 1863 | 94 | 69 | 270 | 13 | 20 | 36 | 201 | 191 |
| 1864 | 101 | 107 | 302 | 27 | 38 | 42 | 195 | 200 |
| 1865 | 82 | 85 | 277 | 17 | 33 | 35 | 192 | 186 |
| 1866 | 103 | 98 | 295 | 29 | 23 | 46 | 197 | 197 |
| 1867 | 89 | 108 | 286 | 27 | 36 | 45 | 178 | 186 |
| 1868 | 92 | 94 | 270 | 23 | 37 | 34 | 176 | 166 |
| 1869 | 108 | 100 | 284 | 18 | 31 | 51 | 184 | 187 |
| 1870 | 79 | 85 | 263 | 12 | 40 | 33 | 178 | 187 |
| 1871 | 75 | 81 | 253 | 13 | 47 | 21 | 172 | 178 |
| 1872 | 93 | 101 | 265 | 23 | 63 | 15 | 164 | 173 |
| 1873 | 92 | 95 | 256 | 13 | 63 | 19 | 161 | 165 |
| 1874 | 75 | 88 | 236 | 10 | 58 | 20 | 148 | 159 |
| 1875 | 85 | 83 | 233 | 16 | 51 | 16 | 150 | 156 |
| 1876 | 92 | 74 | 242 | 20 | 36 | 18 | 168 | 160 |
| 1877 | 110 | 103 | 278 | 20 | 68 | 15 | 175 | 175 |
| 1878 | 63 | 84 | 238 | 12 | 66 | 6 | 154 | 168 |
| 1879 | 76 | 79 | 230 | 12 | 48 | 19 | 151 | 157 |
| 1880 | 51 | 48 | 202 | 6 | 30 | 12 | 154 | 152 |
| 1881 | 66 | 65 | 220 | 14 | 37 | 14 | 155 | 150 |
| 1882 | 82 | 70 | 237 | 8 | 36 | 26 | 167 | 156 |
| 1883 | 109 | 111 | 276 | 17 | 57 | 37 | 165 | 164 |
| 1884 | 113 | 103 | 278 | 17 | 52 | 34 | 175 | 166 |
| 1885 | 95 | 100 | 270 | 17 | 46 | 37 | 170 | 171 |
| 1886 | 93 | 96 | 263 | 14 | 46 | 36 | 167 | 169 |
| 1887 | 75 | 78 | 242 | 17 | 35 | 26 | 164 | 160 |
| 1888 | 105 | 103 | 269 | 23 | 37 | 43 | 166 | 164 |
| 1889 | 113 | 105 | 279 | 16 | 56 | 33 | 174 | 168 |
| | 7,307 | 7,133 | | 1,065 | 3,037 | 3,031 | | |

# TABLE No. 22.

## TABLE OF APPLICATIONS, ADMISSIONS, ETC., FOR TWENTY-FIVE YEARS,—1864-1889.

| Years. | Applications. | | Admissions. | | | | Foreign. | | Not Admitted. | Discharged, cured, relieved, or improved. | | Percentage of same on Admissions. | | Died. | | Acid't's. | Whole number under care in the year. | | Number of free patients. | Paying all the time. | Paying part of the time. | Greatest total number at any time. | | Least total at any time. | | Average. | | Greatest no. at any one time of Free or Paying at Hospital. | | Average time in weeks Paying and Free at Hospital. | | Out-patients. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Hospital. | | Hospital. | | American. | | Hospital. | Asylum. | Hospital. | Hospital. | Asylum. | Hospital. | Asylum. | Hospital. | Asylum. | | Hospital. | Asylum. | | | | Hospital. | Asylum. | Hospital. | Asylum. | Hospital. | Asylum. | Free. | Paying. | Paying. | Free. | Hospital. |
| 1864 | 1932 | | 1599 | 101 | 654 | 99 | 945 | 2 | 333 | 1306 | 80 | 8.168 | 79.1 | 130 | 27 | 242 | 1749 | 302 | 1388 | 350 | 11 | 157 | 208 | 110 | 192 | 138 | 200 | 139 | 33 | 3.2 | 4.4 | 5619 |
| 1865 | 1430 | | 1199 | 82 | 571 | 80 | 628 | 2 | 231 | 997 | 68 | 8.315 | 82.9 | 104 | 17 | 140 | 1347 | 277 | 687 | 592 | 68 | 164 | 195 | 88 | 181 | 113 | 186 | 137 | 72 | 3.7 | 4.8 | 5356 |
| 1866 | 1328 | | 1120 | 103 | 542 | 100 | 587 | 3 | 208 | 909 | 69 | 81.17 | 86.9 | 96 | 29 | 132 | 1224 | 295 | 556 | 623 | 45 | 109 | 203 | 78 | 192 | 95 | 197 | 62 | 58 | 3.4 | 5.1 | 5608 |
| 1867 | 1419 | | 1206 | 89 | 558 | 88 | 648 | 1 | 213 | 958 | 81 | 79.43 | 91 | 94 | 27 | 113 | 1301 | 286 | 676 | 601 | 31 | 126 | 200 | 72 | 172 | 104 | 186 | 77 | 62 | 3.4 | 4.3 | 4553 |
| 1868 | 1474 | | 1265 | 92 | 604 | 92 | 661 | 0 | 209 | 1015 | 71 | 80.03 | 77.1 | 85 | 23 | 98 | 1373 | 218 | 840 | 502 | 24 | 132 | 181 | 69 | 160 | 102 | 166 | 97 | 56 | 3.0 | 3.5 | 5264 |
| 1869 | 1633 | | 1390 | 108 | 681 | 108 | 709 | 0 | 243 | 1123 | 82 | 80.03 | 75.9 | 107 | 18 | 93 | 1217 | 284 | 930 | 563 | 24 | 139 | 196 | 90 | 177 | 118 | 187 | 98 | 55 | 3.4 | 4.3 | 6953 |
| 1870 | 1706 | | 1302 | 79 | 584 | 76 | 718 | 3 | 404 | 1083 | 73 | 83.20 | 92.4 | 85 | 12 | 140 | 1427 | 342 | 958 | 439 | 30 | 137 | 195 | 98 | 181 | 120 | 187 | 106 | 45 | 3.4 | 4.8 | 8767 |
| 1871 | 1781 | | 1427 | 75 | 649 | 75 | 778 | 0 | 354 | 1143 | 52 | 80.09 | 69.3 | 109 | 13 | 178 | 1537 | 253 | 1056 | 456 | 25 | 154 | 187 | 91 | 167 | 122 | 178 | 126 | 43 | 3.1 | 3.9 | 9792 |
| 1872 | 1815 | | 1547 | 93 | 665 | 88 | 882 | 5 | 268 | 1271 | 52 | 82.15 | 55.9 | 120 | 23 | 259 | 1701 | 265 | 1289 | 396 | 16 | 160 | 179 | 97 | 163 | 135 | 173 | 133 | 42 | 3.1 | 4.3 | 11878 |
| 1873 | 1958 | | 1550 | 92 | 640 | 85 | 910 | 7 | 408 | 1201 | 64 | 77.48 | 69.5 | 186 | 13 | 291 | 1700 | 256 | 1195 | 441 | 64 | 187 | 171 | 129 | 158 | 156 | 165 | 156 | 44 | 3 3 | 6.0 | 13517 |
| 1874 | 2153 | | 1639 | 75 | 713 | 68 | 926 | 7 | 514 | 1342 | 54 | 81.88 | 72 | 127 | 10 | 234 | 1800 | 236 | 1251 | 394 | 120 | 183 | 167 | 111 | 144 | 149 | 159 | 146 | 41 | 2.7 | 5.6 | 15612 |
| 1875 | 2357 | | 1841 | 85 | 799 | 72 | 1022 | 13 | 516 | 1412 | 57 | 76.70 | 67 | 169 | 16 | 285 | 1989 | 233 | 1565 | 336 | 88 | 199 | 165 | 132 | 145 | 166 | 176 | 176 | 31 | 2.8 | 5.2 | 16093 |
| 1876 | 2560 | | 1906 | 92 | 900 | 82 | 1006 | 10 | 654 | 1621 | 45 | 85.04 | 48.9 | 150 | 20 | 245 | 2096 | 242 | 1696 | 308 | 92 | 210 | 173 | 163 | 148 | 185 | 160 | 182 | 36 | 3.2 | 5.1 | 17292 |
| 1877 | 2131 | | 1657 | 110 | 863 | 103 | 794 | 7 | 474 | 1339 | 57 | 80.80 | 51.8 | 130 | 20 | 147 | 1847 | 278 | 1270 | 339 | 48 | 194 | 184 | 135 | 168 | 164 | 175 | 178 | 33 | 2.8 | 5.5 | 18004 |
| 1878 | 2275 | | 1794 | 63 | 946 | 58 | 848 | 5 | 481 | 1461 | 45 | 81.43 | 71.4 | 134 | 12 | 200 | 1950 | 238 | 1578 | 334 | 38 | 187 | 182 | 132 | 154 | 165 | 168 | 170 | 34 | 2.8 | 5.2 | 18744 |
| 1879 | 2310 | | 1813 | 76 | 979 | 63 | 834 | 13 | 497 | 1462 | 46 | 80.63 | 60.5 | 143 | 12 | 222 | 1971 | 230 | 1577 | 352 | 42 | 188 | 164 | 131 | 150 | 163 | 157 | 165 | 30 | 2.8 | 5.1 | 18960 |
| 1880 | 2701 | | 2123 | 51 | 1117 | 46 | 1006 | 5 | 578 | 1731 | 32 | 81.53 | 62.7 | 151 | 6 | 351 | 2284 | 202 | 1864 | 371 | 45 | 188 | 159 | 156 | 146 | 170 | 152 | 165 | 35 | 2.5 | 4.5 | 20566 |
| 1881 | 2786 | | 2106 | 66 | 1074 | 57 | 1032 | 9 | 680 | 1853 | 37 | 82.19 | 56 | 189 | 14 | 391 | 2270 | 220 | 1835 | 419 | 26 | 195 | 161 | 139 | 147 | 166 | 150 | 168 | 39 | 2.79 | 4.41 | 18443 |
| 1882 | 2587 | | 2147 | 82 | 1127 | 73 | 1020 | 9 | 440 | 1775 | 47 | 87.83 | 57.3 | 177 | 8 | 348 | 2302 | 237 | 1876 | 399 | 12 | 195 | 166 | 143 | 149 | 168 | 156 | 167 | 35 | 2.94 | 4.41 | 16304 |
| 1883 | 2460 | | 2020 | 109 | 1035 | 93 | 985 | 16 | 440 | 1664 | 63 | 82.33 | 53.8 | 181 | 17 | 432 | 2185 | 276 | 1633 | 473 | 79 | 189 | 171 | 143 | 151 | 168 | 164 | 168 | | 2.75 | 4.80 | *7102 |
| 1884 | 2494 | | 2096 | 113 | 1043 | 95 | 1053 | 18 | 398 | 1685 | 57 | 80.39 | 51.4 | 191 | 17 | 397 | 2310 | 278 | 1815 | 448 | 47 | 186 | 175 | 129 | 154 | 165 | 166 | 159 | 40 | 3 | 4.14 | 14824 |
| 1885 | 2636 | | 2327 | 95 | 1178 | 84 | 1149 | 11 | 299 | 1945 | 62 | 85.38 | 65.3 | 192 | 17 | 443 | 2472 | 270 | 2044 | 382 | 46 | 184 | 185 | 147 | 159 | 167 | 171 | 166 | 26 | 2.38 | 4.08 | 17016 |
| 1886 | 2686 | | 2580 | 93 | 1313 | 85 | 1267 | 8 | 106 | 2100 | 68 | 81.39 | 73.1 | 192 | 14 | 471 | 2756 | 263 | 2283 | 409 | 64 | 206 | 191 | 133 | 167 | 173 | 169 | 178 | 30 | 2.78 | 3.72 | 17925 |
| 1887 | 2876 | | 2814 | 75 | 1376 | 66 | 1438 | 9 | 62 | 2259 | 46 | 80.24 | 64.3 | 245 | 17 | 490 | 3015 | 242 | 2523 | 429 | 45 | 217 | 176 | 150 | 157 | 185 | 160 | 196 | 40 | 2.90 | 3.57 | 18981 |
| 1888 | 3339 | | 3256 | 105 | 1650 | 86 | 1606 | 19 | 83 | 2661 | 63 | 81.72 | 60. | 277 | 23 | 496 | 3455 | 269 | 2731 | 553 | 154 | 215 | 171 | 156 | 157 | 193 | 164 | 194 | 42 | 2.16 | 3.46 | 19472 |
| 1889 | 3535 | | 3419 | 113 | 1306 | 101 | 1613 | 12 | | 2703 | 64 | 79.05 | 56.1 | 300 | 16 | 530 | 3624 | 279 | 3016 | 500 | 94 | 227 | 175 | 170 | 159 | 207 | 168 | 227 | | 2.28 | 3.40 | 22939 |

*Out-patient Department open only five months.

## TABLE No. 23.

TABLE SHOWING THE COST OF PRINCIPAL STORES AT McLEAN ASYLUM.

| Articles. | 1886. | | | 1887. | | | 1888. | | | 1889. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. |
| Beef, . . . . . lbs., | 72,269 | $9,377.03 | .1298 | 76,333 | $8,762.60 | .1136 | 79,352 | $9,714.96 | .1224 | 87,083 | $9,466.79 | .1080 |
| Mutton and Lamb, " | 27,142 | 2,614.26 | .0962 | 28,694 | 2,574.84 | .0897 | 27,980 | 2,761.69 | .0986 | 29,610 | 2,726.74 | .0920 |
| Veal, . . . . . " | 14,977 | 1,590.73 | .1062 | 10,799 | 1,162.19 | .1076 | 14,842 | 1,578.40 | .1064 | 14,588 | 1,495.02 | .1024 |
| Poultry, . . . . " | 15,453 | 2,674.98 | .172 | 15,565 | 2,802.43 | .180 | 16,868 | 2,827.85 | .167 | 18,357 | 3,154.15 | .171 |
| Ham, etc.. . . . " | 13,292 | 1,460.57 | .109 | 13,093 | 1,512.56 | .115 | 12,878 | 1,466.73 | .113 | 12,496 | 1,345.02 | .107 |
| Eggs, . . . . . doz., | 11,193 | 2,339.44 | .209 | 10,888 | 2,258.75 | .207 | 10,832 | 2,352.07 | .217 | 11,267 | 2,436.84 | .216 |
| Lard, . . . . . lbs., | 1,471 | 114.26 | .077 | 2,015 | 169.56 | .084 | 2 346 | 222.79 | .094 | 2,740 | 240.62 | .087 |
| Flour, . . . . . bbls., | 512 | 2,728.73 | 5.32 | 530 | 2,728.62 | 5.13 | 551 | 2,832.16 | 5.14 | 500 | 2,961.23 | 5.92 |
| Butter, . . . . lbs., | 20,931 | 4,650.73 | .222 | 21,320 | 4,756.39 | .223 | 19,225 | 4,448.85 | .231 | 19,958 | 4,358.62 | .218 |
| Coffee, . . . . " | 3,336 | 691.16 | .207 | 3,361 | 822.04 | .244 | 3,333 | 812.52 | .243 | 3,410 | 856.73 | .251 |
| Tea, . . . . . " | 1,188 | 389.00 | .327 | 1,264 | 394.08 | .311 | 1,274 | 383.51 | .301 | 1,282 | 360.38 | .280 |
| Sugar, . . . . " | 28,996 | 1,824.45 | .063 | 28,373 | 1,712.08 | .060 | 31,665 | 2,210.40 | .069 | 32,293 | 2,500.20 | .077 |
| Lights, Gas, etc., feet, | ..... | 2,693.02 | ..... | ..... | 2,957.27 | ..... | ..... | 3,089.74 | ..... | ..... | 3,006.90 | ..... |
| Coal, . . . . . tons, | $1,328\frac{455}{2000}$ | 7,087.31 | 5.34 | $1,332\frac{1818}{2000}$ | 7,145.92 | 5.36 | $1,375\frac{1870}{2000}$ | 8,856.03 | 6.436 | $1,249\frac{1839}{2000}$ | 7,335.82 | 5.873 |
| Wood, . . . . cords, | 20 | 140.00 | 7.00 | $10\frac{1}{2}$ | 84.00 | 8.00 | $10\frac{1}{2}$ | 73.50 | 7.50 | ..... | ..... | ..... |
| Ice, . . . . . tons, | $473\frac{600}{2000}$ | 1,088.56 | 2.30 | $554\frac{1300}{2000}$ | 1,275.66 | 2.30 | $462\frac{300}{2000}$ | 1,062.94 | 2.30 | $473\frac{1500}{2000}$ | 1,673.47 | 3.532 |

# SEVENTH ANNUAL REPORT

OF THE

# McLEAN ASYLUM TRAINING SCHOOL FOR NURSES.

**For the Year 1889.**

---

To the Trustees of the Massachusetts General Hospital:

*Gentlemen,*— This first formal report of the Asylum Training School is to mark its establishment as an integral part of the work of the Asylum. It has long passed the experimental stage. Since its inauguration in 1882, four classes of women and two of men have been graduated; and the benefits of the new order of things in the nursing service have been developed beyond the sanguine expectations that were held in forecasting its work. A brief history of the School and a description of its methods are here presented.

It was determined in 1879 to establish a school for the training of the attendants in this Asylum. It was planned that the School should be not simply for the instruction of attendants upon the insane, but also to fit young men and women, as in general hospitals, to undertake general nursing. It was hoped that by this plan the inherent defect would be overcome that had caused the failure of all previous attempts to establish the systematic training of nurses for the insane. It is instructive to consider the reasons for this.

Many attempts had been made to gain the desired result, — notably that of Dr. Browne at the Crichton Institution in England. This was in 1854, the very year that Florence Nightingale inaugurated in the Crimea the noble reform that has been so great a blessing to the world. Dr. Browne's effort was the "first attempt to educate the attendants upon the insane," and his method of instruction was by a course of lectures. This continued but a short time; but he and, before him, Dr. Jacobi in Germany and Samuel Tuke in

England, and others interested in the care of the insane, were all in advance of their time in their ideas of true nursing-reform. But to Miss Nightingale the opportunity came; and we see the great results in all the civilized world, in hospital and private nursing. After this the example of the general hospitals was strongly felt, both in Europe and America; but the later attempts in the asylums failed of success, and in 1879 there did not exist in any asylum in the world an organized school for the training of attendants.

Previous to 1882, as preparatory measures, some general hospital methods were introduced here, including certain class instruction, and teaching in ward and bedside duties; and in that year the School was formally organized by the appointment of a Superintendent of Nurses, who was a trained general hospital nurse with previous asylum experience. In 1883–84, the school methods were gradually developed, and special difficulties were overcome that seemed to stand in the way of accomplishing the purpose of giving instruction in general nursing. It was believed to be wisest to proceed slowly and surely, and to make no experiments with lectures until the more important features of the organization of the system were perfected. But these were important and active years in the initial stage of developing the methods of instruction.

In 1884, the present Superintendent of Nurses, Miss L. E. Woodward, was appointed to that office by promotion from the place of Supervisor, which she had held for fourteen years, in addition to a service of six years as an attendant. Her long experience here was supplemented by the special privilege then granted by the Trustees of the Boston City Hospital in permitting her to take a six months' course of practical study in its wards; and she learned also the technique of school work. The same liberal spirit has been shown on other occasions at that hospital in giving similar aid to the development of nursing-reform in this new and most important field. In following such an example, great good will be done by general hospitals.

The preparatory work here having reached its consummation in 1884, the system of training was already well advanced in its establishment. At the close of the year 1885,

the first graduates were nearly ready for their final examinations; and in a little more than three years from the time of the formal organization of the School six nurses were given their certificates early in 1886, being accounted as of the class of that year, as will appear in the list of graduates. The first class of women numbered fifteen graduates: the first class of five men was graduated in 1888, the systematic training of the men not having been undertaken until the work was well established among the women. It should be noted, however, that the formal training of men was begun in 1886, which marks the beginning of one of the earliest successful attempts to train men systematically for the profession of nursing. The first seven years of the existence of the School show as results: —

| | *Women.* | *Men.* | *Total.* |
|---|---|---|---|
| Graduates, . . . . . | 54 | 10 | 64 |
| Graduates remaining in service, . . . | 14 | 5 | 19 |
| Pupils under training, . . . . . | 30 | 24 | 54 |

From the beginning, the steady improvement in the nursing service of the Asylum, and the uniform success of its graduates in bodily as well as mental nursing,— both within the Asylum and in private cases outside of it,—are in proof of the soundness of the principles upon which the work of the School was established. While these results, as definite products of the School, show its character and demonstrate the validity of its work, they are far from revealing the value of some of the most important lessons taught by experience in the efforts made to accomplish such results.

The first lesson that had to be learned was the reason for the failure of the many previous attempts at the systematic training of nurses for the insane, when there had so long been a genuine interest in it. There was fault of method in dealing with requirements and difficulties, and failure to recognize some vital principles. The attempts were too tentative and not sufficiently well organized. It was easy to give a few lectures to the attendants; but there was difficulty in keeping them in the service, and the zeal of all concerned soon waned with the novelty of the "attempt." The scope of every plan of teaching was too limited: it appears not to have gone beyond the idea of improving the attendance upon the patients immediately concerned. The pro-

fessional element in the work of nursing as a prospective means of livelihood was not made sufficiently important as the proper and necessary stimulus to undertake and adhere to a methodical course of study to fit the nurse for the profession. No one offered such a comprehensive course of study. All doubted if there would be any place in the public service for such asylum-trained nurses when they were educated. Then it was said, if they do find such employment after being taught, they will all leave the asylums, which will thus gain nothing from the extra labor of teaching. It was also said that the asylums could furnish only the means of teaching the care of the insane, so that bodily nursing could not be adequately taught; and that the repugnance to mental nursing would forbid the finding of the right material for training as in the general hospitals. The acceptance of these, as correct views of the situation, is still enough to arrest all effort, or to limit it when essayed.

The next lesson to be learned was how to break through these apparent difficulties: this necessitated a study of the principles involved. What was wanted in the nurse was intelligence, sympathy, and trustworthiness. It was seen that the secret of Florence Nightingale's success was in overcoming repugnance to the work of nursing by giving the nurse better knowledge of the nature of disease and how to relieve suffering. The natural motherliness of the nurse was at once enlisted by teaching her what to do. This aroused and awakened the sympathy of intelligent minds, and thus came character and trustworthiness. For the insane, it was only necessary to apply the same principle of giving knowledge to the nurse, and to re-enforce all by making use of the same motive of wholesome self-interest that stimulates the general hospital nurse to fit herself for the practice of a respectable, self-supporting profession.

It was believed, therefore, that an asylum school should teach all the principles of general nursing, and as much of the practice of it as possible, not only for the sake of the asylums, but for the public good, and that there need be no hesitation through fear that such nurses will not find useful places in the world. It was believed, also, that the requisite instruction could be given to fit the nurse fairly well for competition with the nurse trained in the general hospitals.

Then such nurses finding remunerative employment, that fact, it was believed, would certainly attract interest and applicants to the School. It was accepted as probable that all the first graduates would early leave the School to seek their fortunes; but there was no doubt that, as in the general hospitals, some would remain — one or more from each class — till in due time there would be a sufficient number of trained and experienced nurses in the service. It was held that, if one-third of the whole number were thus well trained, it would be quite enough, the rest being pupils. At the outset, to stimulate the expectation of profitable employment in private nursing, nearly fifty attendants were sent out upon application for them, for private cases, during the years 1880–85; and ever since everything has been done to help on our graduates outside of the Asylum.

True to experience in these matters, there was an abatement of apparent success after the graduation of the second class. The experienced nurses who remained were few, and applications came slowly: the School was not yet well enough known. But this was not unexpected, and it did not continue long. The zeal of the pupils and teachers was maintained, and the fact of success became established. The graduates all found ready and profitable employment; and the few men have done well, although the demand for their services is limited because the scarcity of those who have had proper training has the effect of making the prices so high as to be prohibitory of their common employment. There should be more of such nurses to be had at reasonable rates; there would then be more business for them. Physicians have found that these nurses do well in bodily nursing, and, moreover, that they possess certain qualities which make them especially patient, tactful, and successful in cases that are difficult through nervous and mental irritability,— a kind of cases that the general hospital nurse confessedly does not like.

An arrangement was made in 1886 with the Boston Training School at the Massachusetts General Hospital, by which any female graduate of this School, who wishes to have additional practical experience and instruction in general nursing, has the privilege, under the usual conditions, of entering that School and receiving its diploma after completing satis-

factorily the studies of its senior year. The graduates of that School are received here upon like terms. Seven of the graduates of this School, accepting this privilege, have entered the hospital course, and five have graduated from it, with great satisfaction in the fact that they have had both kinds of training. Two have not yet completed the course. This extra course in either case is especially useful as a preparation for teaching, all general nursing involving more or less of the mental element. The training in mental nursing broadens the nurse's understanding of many aspects of disease, and educates skill and tactfulness of a high order. It is for her a mental and moral education in the best sense, as a qualification for the ordinary relations of life.

During the whole history of the School, and particularly during the somewhat critical period of its first two or three years, there was undoubted evidence that the perpetuity of the work depended largely upon one of the first provisions made for it; namely, the employment of a special officer to carry on the substantial part of the teaching, and to attend to maintaining the organized system of school operations. Especial mention should be made of the excellence and efficiency of Miss Woodward's labors in this regard and of the important part in the work that was borne by the assistant physicians. The lectures and the like given by the medical staff were useful and essential, but the continuity of the work in its necessary details was sustained by services other than those of the already much-occupied physicians.

It will now be seen how the results set forth in the beginning of this report were dependent upon the plan of organization. The outcome is even better than was expected in so short a time, in respect to the number of graduates that remain in the service. Not only this, but it now remains to bear some testimony to the character and quality of the service rendered by these nurses. It is difficult to present this adequately, It is given to the experienced superintendent alone to appreciate such a thing as this. He knows what it is, under such responsibilities, to *feel* what his household is doing and the spirit with which it is being done. The paramount consideration, however, is the relation of the nurse to the patient. From this side there are constantly coming, in a multitude of ways, from patients and their

friends, spontaneous expressions of the most significant kind, testifying to a gratifying appreciation of the uniform kindness and helpfulness of the nurses to the sick. In the very nature of the case, there must sometimes be control and restriction of patients and inevitably misconception and complaint on their part. But, when such patients grow fond of their nurses,— and the testimony of convalescents is uniformly to their credit,— the evidence is unquestionable. The proof is satisfactory to me that it is the knowledge given to the nurse by careful instruction which brings satisfaction to her from the exercise of the ability to intelligently direct her sympathies. With such stimulation, she knows what is needed, and when and why to give her sympathy: she knows the wrong of not giving it. There are two maxims that apply to the well-instructed nurse: "The more you trust, the more you may," and "People generally do what you expect of them." It is held, therefore, that this demonstration of what the nurse may be for the insane settles one of the problems of hospital construction. Buildings may be placed, as to distance from each other, without reference to the rule for closeness of surveillance by a medical officer, in order to secure kind and trustworthy care. It is equivalent to having a trusted supervisor in every building.

A word should be said of the established success of the female nurses in the men's wards. There are three of them, and two ward-maids, who are like "second girls" in domestic service. These five women are resident in five of the ten wards devoted to men,— and two other wards could be included,— with precisely the same freedom and propriety as they would be in the wards of a general hospital. No more than in such a hospital is there ever a thought of care about the presence of these women in our wards for men. It has become a commonplace matter in that regard, but the usefulness of it and its refining influence are invaluable. To this are due largely the manifest success and satisfaction that have come to attend the care of old people, to whom a woman's gentle thoughtfulness means so much.

The stability and *morale* of the service furnish excellent evidence of the value of the new system. The effect of the regular changes, caused by the departure, after due notice, of graduates and others in good standing, there still remain-

ing some from the old system, has been stated. Four or five probationers are discharged each year. Aside from these there were comparatively few cases of discipline and dismissal. During the past three years, the special causes of leaving the service were as follows: —

| | 1887. | | 1888. | | 1889. | |
|---|---|---|---|---|---|---|
| | *M.* | *F.* | *M.* | *F.* | *M.* | *F.* |
| Illness, | 1 | 2 | 1 | 4 | | 2 |
| Without notice, | | | | 2 | | |
| Inefficiency, | 2 | | 1 | | | |
| Neglect of duty, | | | 3 | 2 | 1 | 1 |
| Unkindness, | 2 | | | | | |
| Intoxication, | 1 | | | | | |
| Sleeping on watch, | 10 | | 5 | | 5 | |

On the side of the physician, the advantage of the new order of things might be stated strongly. To have nurses in every ward who can make an intelligent analysis of mental symptoms, and detect many of the important particulars in which disorder exists, is not only to have instruments in one's hands for the precise application of remedial influences of "moral treatment" of a kind before unavailable, but it enlarges the physician's own knowledge of morbid conditions. The asylum thus becomes a hospital in truth, and both the humane and the scientific spirit are invited to dwell and flourish in it.

The course of instruction, as stated in the following summary, includes both class instruction in the text-books and that given in the lectures by the physicians. Each class, senior and junior, receives about thirty lectures in each year. Thus each pupil hears, and writes out in lecture-books, about sixty lectures in the course. Those of the junior year are devoted to general nursing, with practical application to nervous and mental diseases. In the senior year, besides housekeeping, ventilation, etc., particular attention is given to elementary psychology, the recognition of symptoms of mental disorder, and the care of the various conditions of the insane.

All the nurses are carefully instructed and practised in giving massage, which proves of undoubted benefit in properly selected cases. The practice in other forms of physical exercise and movement treatment, in which the nurses have

been trained in the past two years, promises to be of benefit to the patients and advantage to the nurse.

In the following pages are given the circular of information to applicants, the course of instruction, and a list of graduates of the School from its beginning.

Very respectfully,

EDWARD COWLES,

*Medical Superintendent.*

---

## McLEAN ASYLUM TRAINING SCHOOL FOR NURSES.

THE Trustees of the Massachusetts General Hospital, having established at the McLean Asylum for the Insane a school for nurses, offer to give to men and women desirous of becoming professional nurses a two years' course of training in general nursing, with special reference to the care of cases of nervous and mental disease.

Those wishing to receive such a course of instruction must apply to the Superintendent of the McLean Asylum, Somerville, Mass.

The most desirable age for candidates is from twenty-one to thirty-five years. *They must be in sound health, and must send with their application a certificate from a physician certifying to the fact; also, one from some responsible person as to their good character and good health.* Upon the recommendation of the Superintendent of the Asylum and the approval of the Trustees, they will be received for two months on probation, at the expiration of which time they will, if accepted, sign an agreement to complete the prescribed course of two years.

The Superintendent of Nurses has charge of the Training School, under the authority of the Superintendent of the Asylum and of the Board of Trustees; and the nurses are subject to the rules of the Asylum. Their fitness for the work and the propriety of retaining or dismissing them at the end of the two months of trial are determined by the authorities in charge of the School, under the direction of the Trustees; and the same authorities can in like manner

discharge them at any time in case of misconduct or inefficiency. They reside in the Asylum, and serve as assistant nurses in its wards.

All nurses are required to be sober, honest, truthful, trustworthy, punctual, quiet, orderly, cleanly, neat, patient, kind, and cheerful.

The instruction includes the general care of the sick; the managing of helpless patients in bed, in moving, changing bed and body linen, making of beds, etc.; giving baths, keeping patients warm or cool, preventing and dressing bed sores; bandaging, applying of fomentations, poultices, and minor dressings; the preparing and serving of food, the feeding of helpless patients and those who refuse food; the administering of enemas and use of the catheter; attendance upon patients requiring diversion and companionship; the observation of mental symptoms, delusions, hallucinations, delirium, stupor, etc., and the care of excited, violent, and suicidal patients.

They are also given instruction in the best practical methods of supplying fresh air, warming and ventilating sick-rooms in a proper manner, and are taught to take proper care of rooms and wards, in keeping all utensils perfectly clean and disinfected, etc.; to observe the sick accurately in regard to the state of the secretions, pulse, breathing, skin, temperature, sleep, appetite, effect of diet, of stimulants, and medicine; the giving of massage; and the managing of convalescents.

Instruction will also be given in the modern methods of physical training, by the use of free movements and the usual apparatus, in a gymnasium provided for the patients. The nurses are taught the medical application of physical exercise. Each nurse is required to have a gymnasium costume: the material for the dress will be furnished, at moderate cost, by the Asylum.

The instruction is given by the Superintendent of the Training School, and by the Supervisors and Head Nurses. Lectures and demonstrations will be given, at stated periods, by the Asylum Medical Staff. Examinations, chiefly upon practical points, take place from time to time.

The pupils are employed as assistant nurses in the wards of the Asylum. Women will be paid twelve dollars ($12)

per month during the first year, and fifteen dollars ($15) per month during the second year, for their clothing and personal expenses. Men will be paid twenty-three dollars ($23) per month during the first year, and twenty-five dollars ($25) per month during the second year. Their education during this time is considered as compensation for their services. Women graduates will be paid twenty-five dollars ($25) per month; men graduates twenty-seven dollars ($27) and thirty dollars ($30) per month, according to length of service.

The men and women are required to wear at all times, while on duty in the wards, the asylum uniform.

When the full term of two years is completed, the nurses thus trained receive (after final examinations) diplomas certifying to their period of training, their proficiency and good character.

The right is reserved to terminate the connection of any nurse or pupil with the School, for any reason which may be deemed sufficient.

A female graduate of this School, who wishes to have additional practical experience and instruction in general nursing, has the privilege, under certain restrictions, of entering the Boston Training School for Nurses at the Massachusetts General Hospital. Such graduates will, after one year's satisfactory study, receive the diploma from that School, in addition to the diploma received from the McLean Asylum Training School.

*N.B.— This paper to be filled in (in the Candidate's own handwriting), and sent to the Superintendent of McLean Asylum, Somerville, Mass.*

## QUESTIONS TO BE ANSWERED BY CANDIDATE.

1. Name in full of Candidate. . . . . .
2. Are you single, widow, or widower? . . . . . .
3. Your present occupation or employment? . . . . . .
4. Age last birthday, and date and place of birth? . . . . . .
5. Height? . . . . . Weight? . . . . . .
6. In what school or schools educated, and in what place? . . . . . .
7. Are you strong and healthy, and have you always been so? . . . . . .
8. Are your sight and hearing perfect? . . . . . .
9. Have you any physical defects? . . . . . .
10. Have you any tendency to pulmonary complaint? . . . . . .
11. If a widow or widower, have you children? How many? Their ages? How are they provided for? . . . . . .
12. Are you otherwise free from domestic responsibility, so that you are not liable to be called away? . . . . . .
13. Where (if any) was your last situation, and how long were you in it? . . . . . .
14. Have you ever been in any Training School or employed in any hospital or asylum? If so, where and how long in each place? . . . . . .
15. The names in full and addresses of two persons, not of your own kindred, to be referred to. State how long each has known you. If previously employed, one of these must be the last employer.

    Name, . . . . . .
    Address, . . . . . .
    has known me years.

    Name, . . . . . .
    Address, . . . . . .
    has known me years.

*Having read, and clearly understanding and agreeing to the foregoing conditions and regulations, I declare the above statement to be correct.*

*Signed,* . . . . . .
Candidate.

*Present Address,* . . . . . .

*Nearest Telegraph Office,* . . . . . .

*Date,* . . . . 189 . . . . . .

## COURSE OF INSTRUCTION.

### JUNIOR YEAR.

A Manual for Hospital Nurses, . . . . . *Domville*
Physiology and Hygiene (to the Nervous System), . *Hutchison*
Notes on Fever Nursing, . . . . . *Allan*
A Text-book of Nursing, . . . . . *Weeks*
What to do first in Emergencies, . . . . . *Dulles*
Accidental Injuries, . . . . . *Cantlie*
Practical instruction in massage (twelve lessons).
Physical training (thirty lessons).
Instruction in the wards by the Supervisor and Superintendent of Nurses.
A Lecture each week, First Assistant Physician.

### SENIOR YEAR.

Physiology and Hygiene (completed), . . . . . *Hutchison*
A Text-book of Nursing (completed), . . . . . *Weeks*
A Short Manual for Monthly Nurses, . . . . . *Cullinworth*
Notes on Surgery for Nurses, . . . . . *Bell*
Hand-book for Hospitals (selections),
*State Charities Aid Association, N. Y.*
How to care for the Insane, . . . . . *Granger*
Hand-book for the Instruction of Attendants on the Insane,
*Sub-Com. British Med.-Psych. Association.*
Practical instruction in cooking (six lessons).
Physical training (thirty lessons).
Medical gymnastics (thirty lessons).
Instruction in the wards by the Supervisor and Superintendent of Nurses.
A Lecture each week, Superintendent.

### ORDER OF EXERCISES, 1889–90.

#### WOMEN.

Monday.

| | | |
|---|---|---|
| 11.00 A.M. | Senior Class (1st Div.), Massage, | Miss WOODWARD |
| 4.15 P.M. | Senior Class, Recitation, . . . | Miss WOODWARD |
| 7.00 P.M. | Junior Class, Recitation, . . . . | Miss ROWE |
| 8.00 P.M. | Junior Class (1st. Div.), Massage, . | Mrs. PIERCE |

Tuesday.

| | | |
|---|---|---|
| 11.00 A.M. | Senior Class, Instruction in Physical Training, . . . . . | Miss ADAMS |

Tuesday.

2.00 P.M. Junior Class (2d Div.), Massage, . Mrs. PIERCE
4.15 P.M. Senior Class, Lecture, . . . . . Dr. COWLES

Thursday.

2.00 P.M. Senior Class (1st or 2d Div.), Cooking, . . . . . Miss MAYNARD
4.15 P.M. Junior Class, Lecture, . . . . . Dr. TUTTLE
7.30 P.M. Junior Class, Instruction in Physical Training, . . . . . Miss ADAMS

Friday.

11.00 A.M. Junior Class (3d Div.), Massage, Miss WOODWARD
4.15 P.M. Junior Class (1st and 2d Div., on alternate weeks from Feb. 1), Care of Sick Patients in Bed, Poulticing, etc., . . . . . Miss BOURKE
4.15 P.M. Graduates, Review, etc., . . . Miss WOODWARD

Saturday.

11.00 A.M. Junior Class (1st Div.),
7.00 P.M. Junior Class (2d Div.), On alternate weeks, from Feb. 2, Bandaging, . . . . . Miss BOURKE
4.00 P.M. Senior Class, Medical Gymnastics, . Dr. POSSE

MEN.

Monday.

4.15 P.M. Junior Class, Recitation, . . . . Dr. BABCOCK
7.00 P.M. Senior Class (2d Div., from Feb. 4), Massage, . . . . . Dr. TUTTLE

Tuesday.

4.15 P.M. Senior Class, Lecture, . . . . . Dr. COWLES

Wednesday.

4.15 P.M. Junior Class, Lecture, . . . . . Dr. TUTTLE

Thursday.

11.00 A.M. Junior Class (1st Div.),
4.00 P.M. Junior Class (2d Div.), On alternate weeks, from Feb. 7, Bandaging, . . . . . Dr. BABCOCK
2.00 P.M. Senior Class (1st or 2d Div.), Cooking, . . . . . Miss MAYNARD

Friday.

| | | |
|---|---|---|
| 11.00 A.M. | Junior Class (1st Div.), | |
| 4.00 P.M. | Junior Class (2d Div.), | |
| | On alternate weeks, from Feb. 1, | |
| | Care of Sick Patients in Bed, | |
| | Poulticing, etc., . . . . . | Mr. OBER |
| 4.15 P.M. | Senior Class, Recitation, . . . . | Dr. BABCOCK |
| 7.00 P.M. | Senior Class (1st Div., from Feb. 1), | |
| | Massage, . . . . . | Dr. BABCOCK |

# LIST OF GRADUATES.

| *Name.* | *Graduated.* | | *Residence.* |
|---|---|---|---|
| Miss Margaret A. Elliot, | 1886, | Now Mrs. Pierce, Head Nurse, McLean Asylum, | Somerville, Mass. |
| Abbie M. Ferguson, | " | Private Nurse, | Malden, Mass. |
| Mrs. Lucy J. Moses, | " | Private Nurse, | California. |
| Miss Emily L. Norris, | " | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Jane Robertson, | " | Private Nurse, | Boston, Mass. |
| Agnes A. Stevens, | " | Now Mrs. Bastian, | Pennsylvania. |
| Ida M. Spear, | " | Now Mrs. Hastings, | Haverhill, Mass. |
| Ella M. Allen, | " | Oberlin College, Ohio, | Oberlin, Ohio. |
| Flora M. Knowlton, | " | | |
| Lucella B. Libby, | " | Private Nurse, | Boston, Mass. |
| Rachel C. Tuttle, | " | Now Mrs. Angevine, | Salem, Oregon. |
| Lucinda L. Lovell, | " | Private Nurse, | Boston, Mass. |
| Rachel Bourke, | " | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Marion A. McDonald, | " | Private Nurse, | Fitchburg, Mass. |
| Mina R. Steadman, | " | Now Mrs. Clarke, | Saxton's River, Vt. |

| *Name.* | *Graduated.* | | *Residence.* |
|---|---|---|---|
| Miss Clara J. Dickerman, | 1887, | Matron, Buffalo Asylum, | Buffalo, N.Y. |
| Kate Mackintosh, | " | Private Nurse, | Boston, Mass. |
| May E. Steadman, | " | Now Mrs. Ellis, | California. |
| Annie L. Pearson, | " | Private Nurse, | Boston, Mass. |
| Annie W. Hurlbutt, | " | Nurse, Mass. General Hospital, | Boston, Mass. |
| Maud H. Cummings, | " | Private Nurse, | Boston, Mass. |
| Flora B. Rowe, | " | Supervisor, McLean Asylum, | Somerville, Mass. |
| Carrie C. Willey, | " | Private Nurse, | Boston, Mass. |
| Julia M. Belden, | " | Private Nurse, | Boston, Mass. |
| Nettie U. Houghton, | 1888, | Nurse, Lying-in Hospital, | Boston, Mass. |
| Kate Scribner, | " | Now Mrs. Ryder, | Corinth, Vt. |
| Mary J. Webster, | " | Now Mrs. Buck,<br>Private Nurse, | Boston, Mass. |
| Alice A. Eddy, | " | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Carrie D. Taggart, | " | Nurse, McLean Asylum, | Somerville, Mass. |
| Annie M. Delano, | " | Now Mrs. Marsh, | Dexter, Me. |
| Mary F. Knight, | " | At home, | Cambridge, Mass. |
| Minnie Foster, | " | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Isabella J. McDonald, | " | Deceased. | |
| Clara M. Parsons, | " | At home, | Nova Scotia. |
| Louisa Patten, | " | Private Nurse, | Philadelphia. |
| Ella E. Johnston, | " | Private Nurse, | Boston, Mass. |
| Annie M. Reilly, | " | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Alice P. Goodhue, | " | At home, | Vermont. |
| Annie M. Redman, | " | Private Nurse, | Newton, Mass. |

| *Name.* | *Graduated.* | | *Residence.* |
|---|---|---|---|
| Miss Annie Tuttle, | 1888, | Private Nurse, | Brookline, Mass. |
| Mr. Byron Atwood, | " | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Henry B. Northrop, | " | Private Nurse, | Boston, Mass. |
| George B. Ober, | " | Supervisor, McLean Asylum, | Somerville, Mass. |
| Frank S. Livingston, | " | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Miss Rose E. Rockwood, | 1889, | Private Nurse, | Boston, Mass. |
| Mary A. Eaton, | " | Private Nurse, | Boston, Mass. |
| Susan J. Peppard, | " | At home, | Nova Scotia. |
| Minnie J. Goodwin, | " | At home, | Nova Scotia. |
| Theresa G. Leach, | " | Nurse, Mass. General Hospital, | Boston, Mass. |
| Mertie M. Jones, | " | Nurse, McLean Asylum, | Somerville, Mass. |
| Helena M. Haynes, | " | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Rebecka H. Cleland, | " | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Ada M. Ryan, | " | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Attie V. Marriner, | " | Nurse, McLean Asylum, | Somerville, Mass. |
| Charlotte Strum, | " | Private Nurse, | Beverly, Mass. |
| Annie L. Reece, | " | Night Supervisor, McLean Asylum, | Somerville, Mass. |
| Grace B. Beattie, | " | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Emma E. Condon, | " | At home, | Belfast, Me. |
| Mr. Robert E. Creelman, | " | Nurse, McLean Asylum, | Somerville, Mass. |
| John W. Dewis, | " | Dartmouth Medical School, | Hanover, N.H. |
| Oscar M. Chandler, | " | Private Nurse, | Boston, Mass. |
| William H. Montgomery, | " | Private Nurse, | Boston, Mass. |
| Charles E. Ludwig, | " | Nurse, McLean Asylum, | Somerville, Mass. |
| William C. Hawes, | " | Private Nurse, | Boston, Mass. |

# PATHOLOGICAL REPORT.

EXAMINATIONS BY W. W. GANNETT, M.D.

CASE I.— Melancholia. Four months duration. Greatly depressed and apprehensive. No delusions until much exhausted; insomnia; gradual failure and death from exhaustion. Male, aged sixty-four.

Diagnosis: Chronic internal pachymeningitis; chronic leptomeningitis of slight degree; atrophy of the brain; injection of the gray matter of the brain; hypertrophy of right ventricle of heart; acute fibrinous pleurisy; chronic adhesive pleurisy; chronic vesicular emphysema; chronic interstitial pneumonia, with bronchial dilatation of right apex; acute purulent bronchitis; acute bronchopneumonia from inhalation; œdema of lung; injection of spleen, kidney and liver; thrombosis of prostatic plexus.

Autopsy thirty-five hours after death. Body medium-sized, well developed, considerably emaciated. Ratio of head to body and cranium to face normal. Calavaria showed nothing abnormal. Dura everywhere translucent. Inner surface of convexities covered with a very thin, delicate, false membrane, which was for the most part colorless; in parts of a slightly reddish tint. Pia showed a slight degree of milky opacity, which was most marked along the vessels in sulci. Meshes of pia of convexities contain a small amount of clear fluid for the most part in the form of cysts. Brain did not fill cavity of skull; weighed 1,500 grms. Vessels of base and in fissure of Sylvius were thin-walled and delicate. Lateral ventricles were of usual size; ependyma thin, smooth and shining. Veins in the floor injected to an unusual extent. Brain substance in general quite soft, probably due to putrefactive changes. Cortex of an unusual thickness, of a purplish tint, showing, on close inspection, very numerous red points and streaks. White matter showed a slight increase of puncta cruenta, but the injection was not nearly as marked, proportionately, as in the cortex. Section of basal ganglia, pons, and medulla showed everywhere the same purplish tint of gray matter, but beyond this there was nothing abnormal. Pia everywhere separable from the brain

substance. Heart slightly enlarged in transverse diameter. Cavity of right ventricle slightly enlarged and wall somewhat thickened, otherwise normal. Pleural surfaces on left side were adherent laterally by recent fibrinous false membrane, and on right side were adherent throughout by dense fibrous tissue. Both lungs were voluminous. The upper anterior portions of left lung were pale and emphysematous, posterior and inferior portions were dark and solidified; on section, this was found to be due to the presence of numerous red-gray, granular nodules, in size from a pea to a filbert meat; intervening portions were non-aërated, and contained a thin, grayish, puriform material; odor was putrid. Bronchial mucous membrane was deeply reddened, injected, and covered with a layer of muco-purulent material. Upper lobe of right lung was very dense and firm; on section, was found to be made up wholly of a dense, slaty connective tissue, in which were very numerous dilated bronchi; bronchi of lower lobe of this lung contained considerable muco-purulent material, and the mucous membrane was deeply injected. Spleen slightly enlarged from increase of blood. Kidneys were of a purplish tint throughout, due to the injection of vessels. Gastro-intestinal tract showed no unusual appearance. Prostate and bladder were normal. Prostatic plexus contained numerous thrombi. Liver was not remarkable, beyond an increased amount of blood in the vessels. Thoracic portion of the aorta was normal; abdominal portion showed numerous opaque yellow plates and softened areas of the intima.

Microscopic examination. No abnormalities were found either in the pia or in the brain substance.

Case II.—Dementia secondary to melancholia. Four and a half years duration. Excited and noisy at times; suicidal; resistive; apprehensive; delusions of persecution; gradual mental and physical failure; confused and untidy; carbuncle on head three months before death; greatly demented; death from pneumonia. Female, aged sixty-eight.

Diagnosis: Chronic internal pachymeningitis; atrophy and œdema of the brain; slight basal hæmorrhage; mucous metamorphosis of subpericordial fat tissue; brown atrophy of heart; acute purulent bronchitis; acute broncho-pneumonia with atelectasis; chronic vesicular emphysema; senile atrophy of spleen and kidneys; slight degree of chronic interstitial nephritis; brown atrophy of liver; chronic endoartitis.

Autopsy four and a half hours after death. Body small, fairly developed, much emaciated, skin unusually pale. Rigor mortis very slight. Bed sore over left trochanter. Ratio of head to body

and cranium to face normal. Dura of convexities opaque, not permitting a view of the convolutions and vessels beneath. Inner surface of dura of convexities and frontal fossæ was covered by two distinct layers of newly formed membrane, the one lying next the dura being composed of dense fibrous tissue readily separable from the dura itself, and another layer made up of fibrin which was quite delicate. On the basal portions there was no false membrane. Sinuses contained a very small amount of fluid blood. Pia was everywhere delicate and translucent; its meshes contained considerable clear fluid. Brain was considerably smaller than the cavity of the skull, and there was an escape of a large amount of clear, thin fluid on its removal; weighed 1,455 grms. Vessels at the base and in the fissure of Sylvius were everywhere thin-walled and delicate. Lateral and fourth ventricles were slightly enlarged, but the ependyma was everywhere smooth and shining. Brain substance in general was remarkably flaccid; on section, the cortex in general was found to be thin and of a yellowish cast. White matter between the convolutions was depressed below the gray, and the white matter in general was unusually moist. On the floor of the left ventricle, just about the middle of the left nucleus caudatus, was a recent superficial hæmorrhage about 5 mm. in diameter. Section of basal ganglia showed throughout an unusual degree of translucency. White matter of the cerebellum was much thinned, and the gray matter presented a gelatinous appearance. Pia was everywhere separable from brain substance. Subpericordial tissue presented a gelatinous appearance. Heart considerably reduced in size, but was symmetrical; valves and cavities natural, and the muscular substance firm and of a dark brown color; the pleural surface free from adhesions. Upper anterior portions of both lungs were pale, inelastic, and downy; the posterior portions were firm, dark red, and non-crepitant; on section, these dark portions showed presence of numerous grayish-red, granular nodules, varying in size from a pea to an English walnut. Bronchi contained considerable pus. Spleen small, capsule wrinkled; on section, the trabeculæ were very distinct, pulp atrophied. Kidneys reduced about one-third in size; density increased; the capsule detached less easily than normal; surface here and there slightly granular, cortex slightly thinner and slightly more translucent than normal. Gastro-intestinal tract and pelvic organs normal. Liver reduced about one-third in size, of a brownish color; on section, the acini were considerably smaller than normal, central parts pigmented, and showed in addition a few cysts the size of walnuts, with clear fluid contents. Aorta showed in the intima a few opaque yellow, thickened patches.

Microscopic examination. Pia normal. Cortex: the perigangli-onic and perivascular lymph-spaces were unusually enlarged, more so than would be accounted for by retraction from the hardening agents, but beyond this nothing abnormal was found in the cortex. The white matter adjacent to the cortex showed marked atrophy of the white substance of Schwann (myelin sheath), with disappear-ance of many of the nuclei. It was probably to this condition that the gelatinous appearance noticed in the gross appearance was due.

Case III.— Dementia secondary to acute mania. Duration four and a half years. First attack of acute mania twenty-one years before admission, with complete recovery. Excited, extravagant, suspicious, noisy; delusions and hallucinations; later, quiet and demented; death from ulcerative endocarditis and septic emboli. Male, aged sixty-eight.

Diagnosis: Slight degree of chronic leptomeningitis; chronic basilar endarteritis; chronic circumscribed adhesive pericarditis; hypertrophy and dilatation of the cavities of the heart; chronic aortic endocarditis; acute vegetative and ulcerative endocarditis; necrosis of heart wall of septum behind aortic wall; relative insuf-ficiency of mitral and tricuspid valves; chronic adhesive pleurisy; chronic tuberculosis of apices of the lungs; engorgement and hæmorrhage of the lungs; embolic infarction of the spleen; mul-tiple, septic, embolic abscesses of the kidneys.

Autopsy twenty-one hours after death. Body of medium size, well developed and well nourished. Marked lividity of dependent parts. Rigor mortis present. Ratio of head to body and cranium to face normal. Skull brachycephalic. Calavaria firmly adherent to the dura; calavaria showed several large veins. Inner surface of the dura was normal. Pia on the anterior portion of the con-vexity showed slight degree of milky opacity in the fissures along the course of the blood-vessels. Vessels contained the usual amount of blood. On the base, the vessels showed here and there opaque yellow plates in the intima. Ventricles of normal size; ependyma smooth and shining; choroid plexuses converted into cysts containing clear fluid. Brain substance in general quite firm; cortex of unusual thickness and color; white matter firm, and the puncta cruenta of the usual size and number. Section of basal ganglia, pons, medulla, and cerebellum showed nothing ab-normal. Careful examination of the right and left third frontal convolutions failed to show anything abnormal. Pia was every-where readily separable from the brain substance. Brain weighed 1,560 grms., and filled the cavity of the skull. The two pericar-dial surfaces were adherent over the aorta, and in two or three

places over the right auricle and the left ventricle by firm fibrous tissue. The heart was enlarged in both transverse and vertical diameters, and all the cavities contained dark fluid blood. The aortic valves were insufficient to water test; pulmonic sufficient; mitral orifice admitted four finger-tips, tricuspid seven. Two of the segments of the aortic valves and a part of the third were occupied by a cauliflower-like mass of vegetation, the size of a hickory nut. The posterior portion of the segment toward the right ventricle was lacerated at its base, so as to leave a slit large enough to admit the point of the little finger. Behind the valve in the sinus of Valsalva the aortic wall was lacerated, leading into a cavity large enough to admit the tip of the thumb. The wall of this cavity was formed by lacerated hæmorrhagic muscle substance. This had extended nearly, but not quite through the septum of the ventricles, the hæmorrhage being very evident beneath the endocardium of the right ventricle over a space larger than the thumb-nail. The remaining valves of the heart showed no abnormal appearances. Pleural surfaces on the right side were adherent throughout by fibrous tissue; the left side was free from adhesions. Both lungs were engorged with blood, and showed the presence of numerous small hæmorrhages. In the apices of both lungs were several cheesy nodules, about the size of a pea, surrounded by fibrous tissue. In the border of the spleen was a gray, opaque, firm nodule, the size of a common walnut, showing on section a homogeneous, opaque, gray surface. The pulp of the spleen was somewhat increased in amount. In both kidneys were a few small gray bodies, the size of split dried peas, with softened centres from which a drop of fluid resembling pus could be removed by the point of a knife. Liver and gastro-intestinal tract showed nothing abnormal. Ascending portion of aortic arch enlarged so as to admit two thumbs.

Microscopic examination. There was an unusually large collection of granular hæmatoidin in the adventitial lymph-spaces of the arteries of the cortex, but beyond this nothing abnormal was found in pia, cortex, or white matter.

Case IV.— General paresis. Duration six years, in Asylum four years. Two years before admission, trouble with eyes, becoming nearly blind. One year later, partial paralysis of legs, with cerebral symptoms in six months. Delusions of grandeur; hallucinations; excited; progressive dementia; gradual failure and death from exhaustion. Male, aged fifty.

Diagnosis: Slight degree of chronic leptomeningitis; œdema of the pia; atrophy of brain; atrophy of gray and white matter; dila-

tation of the ventricles; chronic granular ependymitis; chronic meningo-encephalitis; chronic emphysema; hæmorrhages into lungs; venous engorgement of spleen, kidneys, and liver; cyst of liver.

Autopsy twenty-four hours after death. Body large, well developed, somewhat emaciated. Bed sore over right trochanter. Ratio of head to body and cranium to face normal. Skull mesocephalic. Calavaria normal. Dura normal. Pia of convexities and base showed a slight degree of milky opacity. Meshes of the pia contained considerable clear fluid. Convolutions were small, and sulci wide. Brain did not fill the cavity of the skull; weighed 1,275 grms. Vessels at the base and in the fissure of Sylvius were thin-walled and delicate. Lateral ventricles were each nearly three times the usual size, the enlargement and rounding of the cornua being especially conspicuous. Ependyma of the lateral ventricles slightly warty and granular; that of the fourth ventricle markedly so. Brain substance in general was quite firm. Section of the cortex showed it to be thinned; the white matter in the convolutions retracted on section, and the canals of the vessels were unusually large. Section of the basal ganglia, pons, medulla, and cerebellum showed nothing abnormal. Pia of the convexities was slightly more adherent than normal. Heart was of normal size; valves, cavities, and muscular substance presented no unusual appearance.

Microscopic examination. Pia: there was a slight increase in the amount of fibrous tissue, and considerable increase in the number of round cells. Cortex: the outer portion of the first layer showed a well-marked, finely fibrous meshwork, with numerous spider-cells. The nerve-fibres of outer portion of cortex considerably atrophied. There was marked round-cell infiltration of the adventitial lymph-sheaths of the arteries throughout the cortex. These are the evidences of the meningo-encephalitis commonly found in general paresis.

# Officers of the Institution.

## 1890.

---

*President.*

CHARLES H. DALTON.

*Vice-President.*

John Lowell.

*Treasurer.*

Franklin Haven, Jr., 28 State Street.

*Secretary.*

Thomas B. Hall, 75 State Street.

*Trustees.*

Samuel Eliot, *Chairman*, 44 Brimmer Street.
* Frederick L. Ames, 47 Equitable Building.
* Charles V. Bemis, Medford, Mass.
E. Francis Bowditch, Framingham, Mass.
Edmund Dwight, 50 State Street.
William Endicott, Jr., 32 Beacon Street.
* David P. Kimball, 35 Congress Street.
Thornton K. Lothrop, 8 Congress Street.
* Thomas E. Proctor, 127 South Street.
Nathaniel Thayer, 50 State Street.
David R. Whitney, 85 Devonshire Street.
Roger Wolcott, 53 Tremont Street.

*Board of Consultation.*

Henry I. Bowditch, M.D.
Algernon Coolidge, M.D.
D. H. Storer, M.D.
Francis Minot, M.D.
Morrill Wyman, M.D.
George C. Shattuck, M.D.
Richard M. Hodges, M.D.
Samuel L. Abbot, M.D.

* Appointed by the Governor of the Commonwealth.

## OFFICERS OF THE HOSPITAL.

*Resident Physician.*

JOHN W. PRATT, M.D.

*Visiting Physicians.*

GEORGE G. TARBELL, M.D.
WM. L. RICHARDSON, M.D.
EDWARD N. WHITTIER, M.D.
FREDERICK C. SHATTUCK, M.D.
REGINALD H. FITZ, M.D.
ELBRIDGE G. CUTLER, M.D.

*Visiting Surgeons.*

CHARLES B. PORTER, M.D.
JOHN COLLINS WARREN, M.D.
HENRY H. A. BEACH, M.D.
JOHN HOMANS, M.D.
ARTHUR T. CABOT, M.D.
MAURICE H. RICHARDSON, M.D.

*Physicians to Out-Patients.*

WILLIAM W. GANNETT, M.D.
CHARLES P. STRONG, M.D.
HERMAN F. VICKERY, M.D.
GEORGE M. GARLAND, M.D.
JAMES J. MINOT, M.D.
HAROLD C. ERNST, M.D.

*Surgeons to Out-Patients.*

JOHN W. ELLIOT, M.D.
FRANK B. HARRINGTON, M.D.
SAMUEL J. MIXTER, M.D.
OTIS K. NEWELL, M.D.

*Physician to Out-Patients with Diseases of the Skin.*

JAMES C. WHITE, M.D.

*Physicians to Out-Patients with Diseases of the Nervous System.*

JAMES J. PUTNAM, M.D.
GEORGE L. WALTON, M.D.

*Physicians to Out-Patients with Diseases of the Throat.*

FREDERICK I. KNIGHT, M.D.
S. W. LANGMAID, M.D
FRANKLIN H. HOOPER, M.D.

*Ophthalmic Surgeon to Out-Patients.*

OLIVER F. WADSWORTH, M.D.

*Aural Surgeon.*

J. ORNE GREEN, M.D.

*Pathologist.*

REGINALD H. FITZ, M.D.

*Chemist.*

EDWARD S. WOOD, M.D.

*Artist.*

HENRY P. QUINCY, M.D.

**Medical and Surgical Assistants.**

*Assistant Pathologist.*

WILLIAM F. WHITNEY, M.D.

*Assistants for Diseases of the Nervous System.*

HENRY C. BALDWIN, M.D. CYRUS F. CARTER, M.D.

*Assistant to Ophthalmic Surgeon.*

FREDERICK E. CHENEY, M.D.

*Assistants for Diseases of the Throat.*

ALGERNON COOLIDGE, JR., M.D. FREDERICK C. COBB, M.D.
J. PAYSON CLARK, M.D.

*Assistant for Diseases of the Skin.*

JOHN T. BOWEN, M.D.

*Medical House Pupils*, 1889–90.

ARTHUR P. CHADBOURNE. EDWARD F. CUSHING.

*Surgical House Pupils*, 1889–90.

MALCOLM STORER. GEORGE ELIOT.
JAMES G. MUMFORD. ARTHUR L. FISK.

*Matron.*

Miss G. L. STURTEVANT.

*Superintendent of Nurses.*

Miss MARIA B. BROWN.

*Apothecary.*

WILLIAM A. CAMERON.

## OFFICERS OF THE McLEAN ASYLUM.

EDWARD COWLES, M.D.
*Medical Superintendent.*

GEORGE T. TUTTLE, M.D.
*1st Assistant Physician.*

JAMES W. BABCOCK, M.D.
*2d Assistant Physician.*

WILLIAM NOYES, M.D.
*Pathologist and Asst. Phys.*

*Medical House Pupils.*
DANIEL H. FULLER.
ARTHUR C. JELLY. FRANK B. MALLORY.

*Purveyor.*
JOHN P. BRADBURY.

*Superintendent of Nurses.*
Miss LUCIA E. WOODWARD.

*Clerk.*
Miss F. E. GILBERT.

*Supervisors.*
GEORGE B. OBER. Miss FLORA B. ROWE.

*Apothecary.*
C. M. THOMPSON.

---

## TRUSTEES' VISITING COMMITTEES.

*January and July.*
Messrs. DWIGHT and BOWDITCH.

*February and August.*
Messrs. ELIOT and THAYER.

*March and September.*
Messrs. WHITNEY and AMES.

*April and October.*
Messrs. BEMIS and PROCTOR.

*May and November.*
Messrs. WOLCOTT and KIMBALL.

*June and December.*
Messrs. ENDICOTT and LOTHROP.

## OTHER STANDING COMMITTEES.

*Admitting Asylum Patients.*

Messrs. Dwight and Whitney.

*Finance.*

Messrs. Endicott and Kimball.

*Accounts and Expenditures.*

Messrs. Wolcott, Thayer, and Lothrop.

*Buildings and Repairs.*

Messrs. Dwight, Eliot, and Whitney.

*Free Beds.*

Messrs. Bowditch and Proctor.

*The General Library and Warren Fund.*

Messrs. Eliot and Whitney.

*Book of Donations.*

Dr. Bemis.

*Nominations.*

Messrs. Eliot, Bowditch, Wolcott, and Lothrop.

*New Asylum and Grounds.*

Messrs. Dwight, Eliot, Endicott, Bowditch, and Ames.

---

## LADIES' VISITING COMMITTEE.

*January and February.*

Miss E. Gray. Miss E. Goodwin.

*March and April.*

Miss Teresa Dodge. Miss Ida G. Beal.

Mrs. N. Thayer.

*May.*

Mrs. J. C. Gray. Mrs. S. Eliot.

*June.*

Mrs. Gray. Miss Jeanie L. Motley.

*July.*

Miss Motley.

*August.*

Mrs. T. E. Proctor.

*October.*

Mrs. Wm. L. Putnam.

*November and December.*

Mrs. H. W. Haynes. Miss A. W. Morrill.

*General.*

Miss Martha Silsbee. Miss Clara T. Endicott.

Miss Tappan.

# SEVENTY-SEVENTH ANNUAL REPORT

OF THE

# TRUSTEES

OF THE

# MASSACHUSETTS GENERAL HOSPITAL

AND

# McLEAN ASYLUM

1890

---

BOSTON
L. BARTA & CO., PRINTERS, 148 HIGH STREET
1891

# SEVENTY-SEVENTH ANNUAL REPORT

OF THE

# TRUSTEES

OF THE

# MASSACHUSETTS GENERAL HOSPITAL

AND

# McLEAN ASYLUM

1890

---

BOSTON
L. BARTA & CO., PRINTERS, 148 HIGH STREET
1891

# SEVENTY-SEVENTH ANNUAL REPORT

For the year 1890.

THE past hospital year has been comparatively uneventful. Quiet usefulness is the best condition of such an institution as ours, and we have reason to be grateful for all that has marked its course. There is reason also to desire greater resources to draw from in enlarging and perfecting the work of all our departments, and to lay our more pressing wants before present and possible benefactors.

The total number of patients during the year is recorded as 26,609, but nearly 350 have been entered a second time on removal from the hospital to the Convalescent Home.

The Hospital patients in wards were 3,381; the out-patients were 22,545. All the out-patients and 2,546 of the ward patients were free; 254 ward patients paid part of their cost, and 581 paid the whole. Most of the convalescents from the hospital and other institutions were free.

The Asylum patients numbered 297, of whom 44 were fully, and 241 partly paying, and 12 were free.

The total cost of treating patients, paying and free, in all departments, was $290,373.07.

Of this amount

| | |
|---|---|
| The share for Hospital patients was . . . . | $127,727.36 |
| They paid . . . . . | 29,437.99 |
| And the free beds cost . . . . . | $98,289.40 |
| To meet this were the income of Free Bed Funds . . . . . | $41,904.85 |
| And Free Bed Annual Subscriptions . . . . | 13,496.00 |
| | $55,400.85 |

Showing a balance of $42,888.55, to be provided chiefly from the general income, but partly from what is called the General Fund, which is the unrestricted productive capital of the Corporation, now amounting to about $78,000, in no sense a permanent resource for annual deficits.

The Trustees venture to call special attention to the *free beds* still required. The growth of Free-bed Funds and of Free-bed annual subscriptions is one of our chief concerns, and though often set forth in previous reports, still claims anxious consideration and co-operation. It is encouraging that both the income of funds and the amount of subscriptions have increased during the year, but the increase should become much greater, to secure the service of free beds from interruption. To turn away a sick man, or woman, or child, merely for want of money, when beds are standing empty, would be a disgrace to the Hospital and to the community. No such doubts arise here as beset many charities. If one is really penniless, he cannot be pauperized by Hospital treatment. To tell him to help himself, or to bid his family, if he has any, to care for him, is mere mockery. We have never hesitated to ask for larger means to maintain free beds, and we trust that no one who can give them will withhold them, now that we ask again.

For the Asylum patients we expended $152,219.98, having received from patients $138,450, leaving a balance of $13,769.98, met in part by income of Asylum Funds, $11,025.60, and in part by the General Fund of the Hospital. Here, too, an increase of free beds is much to be wished for.

The expenses of the Convalescent Home were $10,425.70, of which patients paid $2,096.50, and the balance, $8,329.20, came from the income of the Home.

The summary of expenditures for patients, over and above receipts from them, is as follows: —

| | |
|---|---|
| Hospital | $98,289.40 |
| Asylum | 13,769.98 |
| Convalescent Home | 8,329.20 |
| | $120,388 58 |

And these were met by income of Funds:

| | |
|---|---|
| Hospital | $97,090.08 |
| Asylum | 11,025.60 |
| Convalescent Home | 8,491.68 |
| | $116,607.36 |
| And by drawing from the General Fund, or capital | 3,781.22 |
| | $120,388.58 |

The deficit in 1889 was much larger, having amounted to $26,659.04. This is a decided change for the better, and leads us to hope that the current year may witness, for the first time in a long period, the reduction of our expenses to the limit of our income.

We are glad to state that the Hospital continues to minister to children. Besides the cases treated in the out-patient department, 274 were received into the wards, 138 boys, 63 girls, and 73 infants. The presence of these children is a solace to many of the adult patients, who, in their turn, often succor their younger fellow-sufferers. One day, a visiting Trustee heard the sound of merry laughter from the corner of a ward, and coming to the spot found a sick man in bed, taking a lesson in the alphabet from a boy beside him, and making such blunders as to convulse them both. It was one instance of hundreds to prove the wisdom of treating the young and the old together, instead of separating them in different wards or

different hospitals. The mothers of sick infants are admitted with their children, and encouraged to care for them as if at home.

A few memorials have been added to those already existing in the Hospital. The upper East ward has been named after John Redman, a Boston mechanic, who died in 1846, having constituted the Hospital his residuary legatee. The Trustees, in their report for the year 1847, estimated that this bequest would probably prove to be one hundred thousand dollars, and spoke of it as "a truly memorable instance of munificence, while its amount entitles the donor to be ranked among the very first benefactors of this institution." That he turned out to be the very first, pecuniarily, appears from the Treasurer's Tables, where the Redman Fund is entered as $455,113.34, the income being for "any purpose except buildings," and, therefore, promising to be forever productive capital.

In May last, an offer was made by George L. Kingsley, then Surgical Externe, to erect a small building for hospital photography on our grounds. It was, of course, gratefully accepted, and regarded as a singular proof of generosity and energy on the part of the Externe. In August, Dr. Kingsley became an Interne. He was not in perfect health, and his duties, in which he engaged with unusual zeal, though urged to spare himself, soon exhausted him. He died at the Hospital, after a very brief illness, on the 25th of September, much lamented and much honored by all of us. The building which he gave has been called the Kingsley Studio.

Dr. Henry Jacob Bigelow died at the end of October. Although he retired from the Hospital Staff some years ago, his connection with the institution which he had long served and greatly illustrated,

could not be finally severed, and has now been restored, at least historically, by his death. His professional predecessors were the real founders of the Hospital, while he and his generation have been the chief leaders in its expansion, and no one more than he. The following preamble and votes, prepared by Mr. Endicott, show the action of the Trustees.

The brilliant contributions of the late Dr. Henry J. Bigelow, to Surgical Science entitle him to rank with the great surgeons of the world, and it is especially appropriate that the Massachusetts General Hospital should perpetuate the remembrance of his service of forty years upon its Surgical Staff, a service which contributed so much to the relief of human suffering, and gave the Hospital a wide-spread renown. It was here in 1846, that, with enthusiasm and courage, he took a leading part in the first demonstration of the anæsthetic property of sulphuric ether, a discovery which later made possible his method of reducing the dislocation of the hip joint, and again his ingenious treatment by lithotripaxy. It is no exaggeration to say that these improvements in surgery have made his name illustrious among the benefactors of mankind.

It is therefore, *Voted*, 1. That the operating room of the Hospital be hereafter designated as "The Henry J. Bigelow Operating Theatre," and the Resident Physician is instructed to have this name inscribed upon its walls. 2. That the Secretary be instructed to communicate the foregoing vote to Dr. William S. Bigelow, with the request that he will allow the Trustees to have made a copy of one of the portraits of his father, to be placed in the Henry J. Bigelow Operating Theatre, in order that the pupils of the Medical School in coming years may be stimulated by his achievements to a more thorough devotion to the noble profession which they have chosen to make their own.

During the last winter and spring, a subject presented by a committee of the Medical Faculty of Harvard University was under prolonged consideration. This was the establishment of a Clinical Ward and

Lecture Room at the Hospital to be under our administration, but with rules as yet untried by us, and to some extent at variance with our usages. While cordially recognizing the value of a clinical ward, the Trustees were unable to accept the project of the committee, and it has been dropped for the present. As a temporary substitute, three months for the year were added to the four months' service of the Visiting Physician who is the Professor of Clinical Medicine, one month being surrendered to him by each of three associates on the staff. This, however, can hardly be counted on as a permanent arrangement, and the enlargement of clinical instruction in our wards will probably come up again for a more satisfactory settlement. It is unnecessary to dwell upon the sympathy of the Trustees with any movement which promises to enhance the educational service of the Hospital.

At the suggestion of the Medical Staff the Trustees authorized the trial of the Koch treatment of tuberculosis, and suspended their rules against the admission of the diseases to be treated. The fluid from Berlin having arrived at the end of December, the patients to be inoculated with it were immediately admitted, and the first inoculation took place on New Year's Day. It has been gratifying to the Trustees to learn that the members of the Staff who received the earliest supplies of this remedy have shared it, in several cases, with other hospitals. This is the spirit which exalts men and institutions.

The ward for private paying patients has not been as full as could be wished, either for the sake of those for whom it was constructed, or for that of the Hospital. Many sick people in hotels or lodgings, many even in their own homes, would find themselves better off in our comfortable and sunny ward. Of those occupying its rooms in past years a large proportion

have expressed both surprise and gratitude, and we trust it will be more fully known and availed of as a constantly serviceable provision for the community.

The Bradlee ward, the latest addition to our domain, has continued its successful work in brain and abdominal surgery. Operations that would have been deemed homicidal a few years ago, are now performed with entire safety in an operating-room of remarkably antiseptic construction, while the isolation of patients, before and after being operated on, is complete. The number of patients in the ward increases. There were 80 in 1889, and 117 in 1890.

Who will imitate the liberal giver of the Bradlee ward, and provide the Hospital with a ward for contagious diseases? Not for the admission of patients thus afflicted, but for the transfer of patients already admitted for other causes, and attacked by some contagious disease within our wards. Such cases occurring from time to time cannot now be properly isolated. If removed to separate rooms, they must still be close to the rooms adjoining theirs, while their nurses must pass in and out through the corridors. This exposes the whole Hospital to a danger against which it is impossible to guard until we have a ward to which a patient with any contagious disease can be instantly transferred, and where a nurse can change her clothing before re-entering any other Hospital building. The cost of such a ward need not be large. Ten rooms for patients, and two or three more for nurses and their appliances, will be an ample provision for the future. It will be a great relief if this ward can be presently reared by generous hands.

The Convalescent Home has received inmates from other hospitals than ours, the City Hospital, the House of the Good Samaritan, the Home for Incurables, and from the Associated Charities, and the

Children's Mission. This is but carrying out the original purpose of the Home, which was intended to serve the Hospital primarily, but never exclusively, and has always opened its doors to applicants from every quarter. The number of convalescents received during the year was 386 against 431 the year before. There is room enough for many more.

The Superintendent of the Asylum makes a report, hereinafter printed, to which the Trustees have little to add. They are much gratified by several facts of the year. Of 120 patients admitted, 58 were voluntary, and 44 (a large percentage) recovered. The Training School has furnished nurses, not only for Asylum, but for private service, and the men have begun their work in families at a more moderate rate than that demanded by those before them. There has been what may be called a Training School for the Staff in a psychological seminary, meeting one evening a week, and pursuing inquiries based partly upon books, and partly upon clinical experiences, with a view to the knowledge and treatment of all forms of mental disease. The Pathological Laboratory is demonstrating its value by careful experiments, bearing on the physiology and pathology of the nervous system. Fine fields of investigation have been opened, and with the apparatus ordered from abroad, and the books in German and French selected for immediate use, "there are," says our pathologist, "already revealed important and encouraging indications of the value of these studies, as to the application of their results to the practical treatment of insanity."

The Trustees, while fully alive to the importance of occupying the Asylum patients, especially the men, after some definite system, are still unable to report upon one. The Hibbard Occupation Fund is a nucleus of a much larger amount, the income of which

may be employed in providing varied occupations, long talked of, and still greatly desired.

Benjamin L. Gorham, admitted in 1838, died at the Asylum in 1889. He was a youth of great promise, upon which a shadow fell that never could be permanently lifted. In 1890, his administrator presented his books and bookcases to the Asylum, and they have been accepted as the Gorham Library. We are glad to preserve some memorial of a patient, so long under our charge, whom the Trustees knew only as a gentleman of kindly manners.

The various libraries at the Asylum are fairly supplied. So is the professional library at the Hospital. But the Hospital patients' lending library is entirely behind the time, and though slightly replenished not long ago, again requires fresh additions of light literature. Some of our friends may be ready to help the sick to more interesting reading than they now have here.

A new revision of by-laws and rules was adopted by the Trustees in September.

The securities in the Treasurer's keeping have been examined and found correct.

The following gifts have been received during the year.

FOR FREE BED FUNDS.

| | |
|---|---|
| Elisha T. Loring, bequest | $10,000.00 |
| Ellen M. Gifford, bequest | 10,000.00 |
| The same for Asylum | 5,000.00 |
| Amelia J. Sargent, bequest | 5,000.00 |
| Sarah E. Allen, bequest | 5,000.00 |
| William S. Dexter, donation | 1,000.00 |
| Jordan, Marsh & Co., donation | 1,000.00 |
| M. P. Sawyer, bequest (additional) | 184.33 |
| William B. Spooner, bequest | 3,000.00 |

ANNUAL SUBSCRIPTIONS.

| | |
|---|---|
| Treasurer's Table, No. 8 | 13,496.00 |

FOR SAMUEL CABOT FUND.

| | |
|---|---|
| Samuel Cabot, donation . . . . . | $1,000.00 |

FOR PATHOLOGIST'S SALARY.

| | |
|---|---|
| S. and A. T. Cabot, donation . . . . . | 340.00 |

FOR PHOTOGRAPHIC STUDIO.

| | |
|---|---|
| George L. Kingsley, donation . . . . . | 802,82 |
| Total . . . . . | $55,823.15 |

There are still other benefactions to be gratefully recorded. The Ladies' Visiting Committee, the Cambridge Flower Mission bringing flowers weekly through the flower season, the Cambridge ladies, coming on Christmas Eve to decorate the wards and cheer the patients with gifts, the choir from Cambridge singing on Sunday afternoons, about once a month throughout the year, all these are givers of a personal service which cannot be over-estimated. It is in many cases a healing of mind and heart.

The actual needs of the Hospital, already touched upon in part, are

1. An increase of free beds.

2. A ward for contagious diseases.

3. An addition to the Out-Patient department, particularly on the surgical side, now much embarrassed for want of room.

4. A house for the Resident Physician and his family. This is not only for their sake, though no better motive need be sought, but that the rooms now occupied by them may be free for administrative and other uses long since urgent.

5. A large subscription, or a very large donation, for rebuilding the McLean Asylum on its beautiful estate at Waverly, where the charms of Nature and retirement will hasten recovery or soothe a hopeless malady. We have the beginning of a fund for building, but several hundred thousand dollars are

still to be obtained before the long-planned enterprise can be accomplished. Twenty years have passed since the necessity of removing the Asylum was recognized by the Trustees, and the first steps towards it were taken. The Waverly purchase was made five years later, in the hope that it might soon be occupied and enjoyed by our patients. It has been walled and graded, avenues have been opened, and all the preparations for building have been begun. It may now be thought wise to build what we can, and to provide for our convalescents of the McLean department as we have already done for those of the Hospital. Other houses may follow, some perhaps to bear a name as a memorial of those who give the means of raising them, or of those for whose sake the means are given. At all events, while public asylums have been reared, and private ones multiplied around us, the time has fully come when the true interest of this community, not Boston only, but all Massachusetts, demands that the McLean department of the Massachusetts General Hospital shall be enabled to fulfil its own mission to its own classes of sufferers.

For the Trustees,

SAMUEL ELIOT,

FREDERICK L. AMES.

# REPORT OF THE TREASURER.

In accordance with the Fifth Article of the By-Laws, the report of the accounts of the Massachusetts General Hospital, made up to the last day of December, 1890, is respectfully submitted to be laid before the Corporation at its annual meeting.

*Dr.* FRANKLIN HAVEN, JR., *Treasurer, in account with the* MASSACHUSETTS GENERAL HOSPITAL. *Cr.*

| | | | |
|---|---|---|---|
| To Balance Cash on hand, Dec. 31, 1888 | $32,834.65 | By Cash paid Insurance | $2,007.54 |
| ,, Railroad Bonds sold | 44,555.00 | ,, ,, ,, Annuitants | 10,532.97 |
| ,, One third profits Mass. Hospital Life Ins. Co. | 10,000.00 | ,, ,, ,, Annual Report, 1888 | 344.70 |
| ,, Donations and legacies | 42,327.15 | ,, ,, ,, Taxes at Belmont | 454.50 |
| ,, Income from investments | 120,368.07 | ,, ,, ,, Expenses of Hospital | 127,727.39 |
| ,, Notes Receivable | 5,100.00 | ,, ,, ,, Expenses of Asylum | 152,219.98 |
| ,, Board of paying patients at Asylum | 138,450.00 | ,, ,, ,, Expenses of Convalescent Home | 10,263.22 |
| ,, Board of paying patients at Hospital | 29,437.99 | ,, ,, ,, Investments in real estate | 130,360.15 |
| ,, Board of paying patients at Convalescent Home | 2,096.50 | ,, ,, ,, Library | 300.23 |
| ,, Subscribers for Free Beds ($6,500 received for this purpose in 1889) | 6,996.00 | ,, ,, ,, Wooden legs | 187.50 |
| | | ,, ,, ,, Photographic Studio | 802.82 |
| ,, Subscribers for Free Beds for 1891 in advance | 5,800.00 | ,, ,, ,, Dr. Cowles | 309.28 |
| ,, Premiums on bonds sold | 10,206.63 | ,, ,, ,, Del. Mutual Ins. Co. Stock | 30.00 |
| ,, Dr. J. W. Pratt | 2,078.54 | ,, Balance Cash on hand, Dec. 31, 1889 | 14,710.25 |
| | $450,250.53 | | $450,250.53 |

The expense of carrying on the business of the Corporation for the year 1890 has been $290,210.59:–

| | | |
|---|---|---|
| On account of Hospital . . . . . | $127,727.39 | |
| ,, ,, ,, McLean Asylum, . . . . . | 152,219.98 | |
| ,, ,, ,, Convalescent Home, . . . . | 10,263.22 | |
| | | $290,210.59 |

These expenses have been met from

| | | |
|---|---|---|
| Amount charged to patients, . . . . . | $169,984.49 | |
| Income from various funds applicable, . . . | 102,948.88 | |
| Subscriptions for Free Beds for 1889, . . . | 13,496.00 | |
| Deficit drawn from the General fund, . . . | 3,781.22 | |
| | | $290,210.59 |

The expenses at the Hospital have exceeded the receipts $1,199.32; the receipts at the Convalescent Home have exceeded the expenses $162.48; and the expenses at the McLean Asylum have exceeded the receipts $2,744.38, making a net deficit of $3,781.22.

TABLE No. 1.

HOSPITAL DEPARTMENT.

Expenses and receipts for the year 1890:—

| | | |
|---|---|---|
| Expenses at the Hospital (see Table 4) . . . | | $127,727.39 |
| *Receipts.* | | |
| Income from Redman Fund (see Table 7) . . | $27,306.78 | |
| ,, ,, Free Bed Funds (see Table 7) . | 41,904.85 | |
| ,, ,, Funds, income unrestricted, (see Table 7) . . . . . | 3,000.00 | |
| ,, ,, General Fund (see Table 7) . . | 11,382.45 | |
| ,, ,, Free Bed Subscriptions (see Table 8) . . . . . | 13,496.00 | |
| Amount charged to patients . . . . . | 29,437.99 | |
| Deficit from General Fund . . . . . | 1,199.32 | |
| | | $127,727.39 |

TABLE No. 2.

McLEAN ASYLUM.

## Expenses and receipts for the year 1890:—

| | | |
|---|---|---|
| Expenses at the Asylum (see Table 5) . . . | | $152,219.98 |
| *Receipts.* | | |
| Income from Funds for Beneficiaries . . . | $5,325.60 | |
| ,, ,, ,, ,, Female Beneficiaries . | 5,100.00 | |
| ,, ,, Amusement Fund . . . . . | 600.00 | |
| Amount charged to patients . . . . . | 138,450.00 | |
| | | $149,475.60 |
| Balance of expenses over receipts charged to the General Fund . . . . . | | $2,744.38 |

TABLE No. 3.

CONVALESCENT HOME.

## Expenses and receipts for the year 1890:—

| | | |
|---|---|---|
| Expenses at Convalescent Home (see Table 6) | | $10,263.22 |
| *Receipts.* | | |
| Income from Convalescent Home Fund . . | $8,329.20 | |
| Amount charged to patients . . . . . | 2,096.50 | |
| | | $10,425.70 |
| Balance of Receipts over Expenses credited to the General Fund . . . . . | | $162.48 |

TABLE No. 4.

## Expenses of the Hospital Department:—

| | | |
|---|---|---|
| For Stores . . . . . | $44,424.16 | |
| Gas and Oil . . . . . | 228.43 | |
| Water and Ice . . . . . | 3,183.76 | |
| Wages . . . . . | 35,934.79 | |
| Medicine . . . . . | 4,552.57 | |
| Furniture . . . . . | 9,019.30 | |
| Surgical Instruments . . . . . | 3,828.40 | |
| Stationery . . . . . | 1,013.64 | |
| Wines and Liquors . . . . . | 2,587.64 | |
| Salaries . . . . . | 4,350.00 | |
| One half General Expenses . . . . . | 1,028.75 | |
| Fuel . . . . . | 11,430.69 | |
| Contingencies . . . . . | 1,835.59 | |
| Repairs . . . . . | 4,309.67 | |
| | | $127,727.39 |

These expenditures have been for account of: —

| | | |
|---|---|---|
| 2,546 Free Patients for 9,048 weeks . . . . | $112.249.71 | |
| 835 Other Patients for 1,248 weeks . . . . | 15,477.68 | |
| | | $127,727.39 |
| The average number of patients in 1889 . . | 207 | |
| The average number of patients in 1890 . . | 198 | |
| The average cost per week in 1889 . . . . | $13.64 | |
| The average cost per week in 1890 . . . . | 12.41 | |
| The total expenses in 1889 . . . . . | 146,829.27 | |
| The total expenses in 1890 . . . . . | 127,727.39 | |
| The amount paid for account of free patients | | 112,249.71 |
| The amount received for them has been: — | | |
| From Income of Free Bed Funds . . . | 41,904.85 | |
| From Subscribers for this object . . . | 13,496.00 | |
| | | $55,400.85 |

The deficiency has been drawn in part from the income of various funds applicable to the purpose, and the remainder from the General Fund.

TABLE No. 5.

EXPENSES OF THE ASYLUM DEPARTMENT.

| | | |
|---|---|---|
| For Stores . . . . . | $44,592 01 | |
| Laundry . . . . . | 9,860.59 | |
| Fuel . . . . . | 6,361.85 | |
| Stationery . . . . . | 448.12 | |
| Medicines and Liquors . . . . . | 2,268.15 | |
| Contingencies . . . . . | 3,051.93 | |
| Furniture . . . . . | 7,933.56 | |
| Repairs . . . . . | 16,679.21 | |
| Diversions . . . . . | 1,468.75 | |
| Belmont Improvements . . . . . | 814.96 | |
| Water and Ice . . . . . | 3,816.60 | |
| Lights . . . . . | 5,904.69 | |
| Wages . . . . . | 30,649.47 | |
| Salaries . . . . . | 10,353.57 | |
| One half General Expenses . . . . . | 1,028.75 | |
| Library . . . . . | 600.00 | |
| Stables . . . . . | 4,742.98 | |
| Garden . . . . . | 3,168.99 | |
| Carriages . . . . . | 246.00 | |
| | | $152.990.18 |
| Less Cr. Clothing, $178,22; Farm, $591.98, | | 770.20 |
| | | $152,219.98 |

These expenditures have been for account of: —

| | | |
|---|---|---|
| Patients paying cost and more, | | $36,857.45 |
| Patients paying less than cost. | | 115,362.53 |
| | | $152,219,98 |
| The average number of patients in 1889 | 168 | |
| The average number of patients in 1890 | 173 | |
| The average cost per week in 1889 | $16.51 | |
| The average cost per week in 1890 | 16.83 | |
| The total expenses in 1889 | | $146,574.09 |
| The total expenses in 1890 | | 152,219.98 |
| The amount expended at the Asylum for patients who have paid less than cost has been | | $115,362.53 |
| The amount received has been: — | | |
| From patients, 6,784 weeks' board at less than cost | $67,911,75 | |
| Income of Funds for Beneficiaries | 5,325.60 | |
| Income of Funds for Female Beneficiaries, | 5,100.00 | |
| Income of Amusement Fund | 600.00 | |
| | | 78,937.35 |
| | | $36,425.18 |

The deficiency has been partly met by patients paying more than cost, and the balance, $2,744.38, drawn from the General Fund.

TABLE No. 6.

EXPENSES OF THE CONVALESCENT HOME.

| | | |
|---|---|---|
| For Stores | | $4,983.40 |
| Gas and Oil | | 53.03 |
| Furniture | | 237.07 |
| Wages | | 2,998.03 |
| Fuel | | 586.07 |
| Ice | | 256.70 |
| Repairs | | 370.00 |
| Contingencies, | | 625,96 |
| Surgical Instruments | | 56.50 |
| Medicines | | 94.31 |
| Wines and Liquors | | 2.15 |
| | | $10.263.22 |
| Whole number of patients admitted during the year, males | 195 | |
| Whole number of patients admitted during the year, females | 172 | |
| | 367 | |
| Number of patients Jan. 1, 1890 | 19 | |
| | | 386 |

| | | |
|---|---|---|
| Whole number discharged during the year . . . . | | 368 |
| Remaining, Jan. 1, 1891, males . . . . . | 12 | |
| Remaining, Jan. 1, 1891, females . . . . . | 6 | 18 |
| | | 386 |

TABLE No. 7.

INCOME FROM INVESTMENTS.

| | |
|---|---|
| From Annuities Receivable . . . . . | $ 6,400.00 |
| City and Town Bonds . . . . . | 910.00 |
| Mass. Hospital Life Ins. Co. Stock . . . . . | 5,000.00 |
| Railroad Bonds . . . . . | 31,103.61 |
| Manufacturing Stock . . . . . | 3,684.00 |
| Bank Stocks . . . . . | 5,326.13 |
| Real Estate, Productive, . . . . . | 61,166.68 |
| Notes Receivable . . . . . | 4,654.36 |
| Railroad Stocks . . . . . | 1,940.00 |
| Del. Mut, Ins. Co. . . . . | 31.20 |
| | $120,215.98 |

## Which has been distributed as follows:—

| | | | |
|---|---|---|---|
| To G. H. Gay Fund . . . . . | | | 412.80 |
| Redman Fund . . . . . | | | 27,306.78 |
| Warren Prize Fund . . . . . | | | 214.80 |
| Bowditch History Fund . . . . . | | | 120.00 |
| Wooden Leg Fund . . . . . | | | 306.00 |
| Redman Annuities . . . . . | | | 652.83 |
| Clara Barton Annuity . . . . . | | | 194.46 |
| Surgical Instrument Fund . . . . . | | | 88.50 |
| Amusement Fund . . . . . | | | 600.00 |
| Free Bed Funds | for use . . . . . | $41,752.76 | 42,252.76 |
| | for Joy Annuitants . . | 500.00 | |
| Beneficiaries at Asylum Funds . . . . . | | | 5,325.60 |
| Warren Library Fund . . . . . | | | 60.00 |
| One half Lincoln Fund,—Female Beneficiaries . . . | | | 5,100.00 |
| Funds with Income Unrestricted . . . . . | | | 3,000.00 |
| General Fund . . . . . | | | 11,382.45 |
| Convalescent Home Fund . . . . . | | | 8,329.20 |
| Asylum Building Fund . . . . . | | | 12,634.80 |
| Whittemore Fund . . . . . | | | 1,500.00 |
| Urbino Fund . . . . . | | | 300.00 |
| Treadwell Library Fund . . . . . | | | 300.00 |
| Samuel Cabot Fund . . . . . | | | 75.00 |
| Hibbard Fund . . . . . | | | 60.00 |
| | | | $120,215.98 |

| | |
|---|---|
| The Income for 1888 was | $115,861.58 |
| The Income for 1889 was | 119,392.99 |
| The Income for 1890 has been | 120,215.98 |

TABLE No. 8.

SUBSCRIBERS FOR FREE BEDS FOR 1890.

| | | | |
|---|---|---|---|
| American Bell Telephone Co. | $196 | George Higginson | $100 |
| Oliver Ames & Sons' Corporation | 100 | Miss E. Hooper | 100 |
| C. W. Amory | 100 | E. W. Hooper | 100 |
| D. H. Andrews | 100 | George D. Howe | 100 |
| Boston & Albany R. R. Co. | 500 | Francis W. Hunnewell | 100 |
| Boston & Lowell R. R. Co. | 300 | Samuel Johnson | 100 |
| Boston & Maine R. R. Co. | 500 | David P. Kimball | 100 |
| Boston & Providence R. R. Co. | 100 | L. C. Kimball | 100 |
| Boston Firemen's Relief Fund | 200 | Amory A. Lawrence | 100 |
| Mrs. E. B. Bowditch | 200 | Mrs. Amos A. Lawrence | 100 |
| J. L. Bremer | 100 | Mrs. Anna C. Lodge | 100 |
| Richard Briggs | 100 | Thornton K. Lothrop | 100 |
| Martin Brimmer | 100 | Mrs. Thornton K. Lothrop | 100 |
| P. C. Brooks | 100 | Theodore Lyman | 100 |
| Shepherd Brooks | 100 | Thomas Mack | 100 |
| William S. Bullard | 100 | Miss Ida M. Mason | 100 |
| Mrs. Laura M. Case | 100 | W. Powell Mason | 100 |
| J. Randolph Coolidge | 100 | Mass. Humane Society | 200 |
| J. T. Coolidge, Jr. | 100 | Mrs. Caroline Merriam | 100 |
| T. Jefferson Coolidge | 100 | Charles Merriam | 100 |
| T. Jefferson Coolidge, Jr. | 100 | Miss M. C. Mixter | 100 |
| Mrs. Arthur Croft | 100 | C. J. Morrill | 100 |
| Charles P. Curtis | 100 | N.Y. & N. E. R. R. Co. (2 yrs.) | 1000 |
| Mrs. J. G. Cushing | 100 | Old Colony R. R. Co. | 500 |
| F. Gordon Dexter | 100 | F. H. Peabody | 100 |
| George Dexter | 300 | Frank E. Peabody | 100 |
| Mrs. C. H. Dalton | 100 | W. D. Pickman | 100 |
| C. H. Dalton | 100 | John C. Ropes | 100 |
| Edmund Dwight | 100 | Mrs. B. S. Rotch | 100 |
| Samuel Eliot | 100 | Henry Saltonstall | 100 |
| William Endicott, Jr. | 100 | F. R. Sears | 100 |
| Employers' Liability Assurance Corporation, Limited | 100 | J. M. Sears | 100 |
| Mrs. Elizabeth E. Fay | 100 | Mrs. G. H. Shaw | 100 |
| Henry H. Fay | 100 | Henry S. Shaw | 100 |
| Joseph S. Fay | 100 | J. P. Squire & Co. | 200 |
| Joseph S. Fay, Jr. | 200 | Bayard Thayer | 100 |
| Fitchburg R. R. Co. | 500 | Nathaniel Thayer | 200 |
| John Foster | 100 | George W. Wales | 100 |
| George A. Gardner | 100 | Mrs. Charles E. Ware | 100 |
| John L. Gardner | 200 | Otis E. Weld | 100 |
| Joseph B. Glover | 100 | West End Street Railway Co. | 500 |
| Miss Eliza Goodwin | 100 | Miss Anne Wigglesworth | 200 |
| Dr. R. C. Greenleaf | 100 | R. C. Winthrop, Jr. | 100 |
| W. O. Grover | 100 | Mrs. Thomas Lindall Winthrop | 100 |
| F. Haven, Jr. | 100 | J. Huntington Wolcott | 100 |
| F. L. Higginson | 100 | Mrs. J. Huntington Wolcott | 100 |
| | | Henry Woods | 100 |
| | | | $13,496 |

| | |
|---|---|
| Total Free Bed Subscriptions in 1889 | $11,850 |

## TABLE No. 9.—LIBRARY FUNDS.

### TREADWELL LIBRARY FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1889.— | | |
| Principal | | $5,000.00 |
| Income | $32.71 | |
| 1890 Income received | 300.00 | |
| | $332.71 | |
| Income expended | 300.23 | |
| | $32.48 | |
| Balance, Dec. 31, 1890:— | | |
| Principal | | 5,000.00 |
| Income | $32.48 | |

### WARREN LIBRARY FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1889:— | | |
| Principal | | $1,000.00 |
| Income | $759.62 | |
| 1890 Income received | 60.00 | |
| | $819.62 | |
| Balance, Dec. 31, 1890:— | | |
| Principal | | 1,000.00 |
| Income | $819.62 | |

## TABLE No. 10.

### WOODEN LEG FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1889:— | | |
| Principal | | $5,100.00 |
| Income | $198.19 | |
| 1890 Income received | 306.00 | |
| | $504.19 | |
| Income expended | 187.50 | |
| | $316.69 | |
| Balance, Dec. 31, 1890:— | | |
| Principal | | 5,100.00 |
| Income | $316.69 | |

## TABLE No. 11.

### BOWDITCH HISTORY FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1889:— | | |
| Principal | | $2,000.00 |
| Income | $280.45 | |
| 1890 Income received | 120.00 | |
| | $400.45 | |
| Income expended | 344.70 | |
| | $55.75 | |
| Balance, Dec. 31, 1890:— | | |
| Principal | | 2,000.00 |
| Income | $55.75 | |

TABLE No. 12.

GENERAL FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1889 | $1,112,312.09 | |
| Add one-third profits of Mass. Hospital Life Ins. Co. | 10,000.00 | |
| Add premiums on bonds sold | 10,206.63 | |
| | | $1,132,518.72 |
| Less balance of Insurance Account | 2,007.54 | |
| Less balance of expenses over Income | 3,781.32 | |
| Balance, Dec. 31, 1890 | 1,126,729.86 | |
| | | 1,132,518.72 |

TABLE No. 13.

RESTRICTED FUNDS.

## Income devoted to Free Beds:—

| | |
|---|---|
| The Joy Fund, being a bequest from Miss Nabby Joy | $20,000.00 |
| Belknap Fund, being a bequest from Jeremiah Belknap | 10,000.00 |
| Wm. Phillips Fund, being a bequest from Wm. Phillips | 5,000.00 |
| Williams Fund, being a bequest from John D. Williams, of estate No. 17 Blackstone Street | 19,600.00 |
| Bromfield Fund, being half of a bequest from John Bromfield | 20,000.00 |
| Miss Townsend Fund, being a donation from the executors of the will of Miss Mary P. Townsend | 11,486.50 |
| Brimmer Fund, being a bequest from Miss Mary Ann Brimmer | 5,000.00 |
| Wilder Fund, being a bequest from Charles W. Wilder | 12,000.00 |
| Sever Fund, being a bequest from Miss Martha Sever | 500.00 |
| Thompson Fund, being a bequest from S. B. Thompson | 500.00 |
| Tucker Fund, being a bequest from Miss Margaret Tucker | 3,312.37 |
| Davis Fund, being a request from Mrs. Eleanor Davis | 900.00 |
| Loring Fund, being a bequest from Abigail Loring | 5,000.00 |
| Nichols Fund, being a bequest from B. R. Nichols | 6,000.00 |
| Gray Fund, being a donation from John C. Gray | 1,000.00 |

| | |
|---|---|
| Dowse Fund, being a bequest from Thomas Dowse | $5,000.00 |
| Todd Fund, being a bequest from Henry Todd | 5,000.00 |
| J. Phillips Fund, being a bequest from Jonathan Phillips | 10,000.00 |
| Greene Fund, being a bequest from Benj. D. Greene | 5,000.00 |
| Percival Fund, being a bequest from John Percival | 950.00 |
| Pickens Fund, being a bequest from John Pickens | 1,676.75 |
| Treadwell Fund, being part of a bequest from J. G. Treadwell | 38,703.91 |
| Raymond Fund, being a bequest from E. A. Raymond | 2,820.00 |
| Harris Fund, being part of a bequest from Charles Harris | 1,000.00 |
| Mason Fund, being a bequest from Wm. P. Mason. | 9,400.00 |
| Sawyer Fund, being part of a bequest from M. P. Sawyer | 7,000.00 |
| J. L. Gardner Fund, being a donation from J. L. Gardner | 20,000.00 |
| B. T. Reed Fund, being a donation from Benj. T. Reed | 1,000.00 |
| Wm. Reed Fund, being a bequest from Wm. Reed | 5,233.92 |
| McGregor Fund, being half of a donation and bequest from James McGregor, | 7,500.00 |
| Miss Rice Fund, being a bequest from Miss Arabella Rice | 5,000.00 |
| Templeton Fund, being half of a bequest from John Templeton | 5,000.00 |
| Mrs. J. H. Rogers Fund, being a donation from J. H. Rogers | 1,177.50 |
| Beebe Fund, being a bequest from J. M. Beebe | 50,000.00 |
| Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln | 85,000.00 |
| Blanchard Fund, being a bequest from Mrs. M. B. Blanchard | 4,000.00 |
| George Gardner Fund, being a donation from George Gardner | 1,000.00 |
| Hemenway Fund, being a donation from the Executors of the will of Augustus Hemenway | 20,000.00 |
| Jessup Fund, being part of a bequest from Dr. Chas. A. Jessup | 1,000.00 |
| Tufts Fund, being a bequest from Quincy Tufts | 10,000,00 |

| | |
|---|---|
| Read Fund, being half of a bequest from Jas. Read . . . . . | $1,000.00 |
| Parker Fund, being a bequest from Jno. Parker, Jr. . . . . | 10,000.00 |
| Miss Shaw Fund, being a donation and bequest from Miss M. Louisa Shaw . . . . . | 5,500.00 |
| Eliza Perkins Fund, being a donation from Mrs. H. B. Rogers . . . . | 1,000.00 |
| Dwight Fund, being a donation from Mrs. T. Bradford Dwight . . . . | 1,000.00 |
| Hunnewell Fund, being a donation from H. H. Hunnewell . . . . . | 10,000.00 |
| R. M. Mason Fund, being a bequest from R. M. Mason . . . . . | 5,000.00 |
| Hannah Lowell Cabot Fund, being a donation from Dr. Samuel Cabot . . | 1,000.00 |
| Welles Fund, being a donation from Miss Jane Welles . . . . . | 5,000.00 |
| Black Fund, being a bequest from Miss Marianna Black . . . . . | 2,000.00 |
| Eben Wright Fund, being an assignment of legacies by the children of T. Jefferson Coolidge . . . . . | 14,000.00 |
| Paraclete Holmes Fund, being a donation from W. S. Adams . . . . . | 2,000.00 |
| Estabrooks Fund, being a bequest from J. W. Estabrooks . . . . . | 1,000.00 |
| Thayer Fund, being a bequest from Nathaniel Thayer . . . . . | 30,000.00 |
| Sawyer Fund, being part of a bequest from M. P. Sawyer . . . . . | 66,684.14 |
| Ann E. Gray Fund, being a bequest from Miss Ann E. Gray . . . . . | 5,000.00 |
| John Bertram Fund, being a donation from Mrs. Clara Bertram Kimball . | 5,000.00 |
| Hannah C. Leland Fund,being a bequest from Mrs. Hannah C. Leland . . . | 15,000.00 |
| Esther E. Beebe Fund, being a bequest from Mrs. Esther E. Beebe . . . . | 2,000.00 |
| Ella F. Roehl Fund, being part of a bequest from Ella F. Roehl . . . . | 8,085.02 |
| Two subscriptions from Friends, $100 each . . . . . | 200.00 |
| Henry B. Rogers Fund, being a bequest from Henry B. Rogers . . . . . | 10,000.00 |
| John H. Eastburn Fund, being a bequest from John H. Eastburn . . . . . | 10,000.00 |
| Mrs. Susan F. Eastburn Fund, being a bequest from Mrs. Susan F. Eastburn . . . . . | 1,000.00 |

| | | |
|---|---|---|
| William B. Craft Fund, being a bequest from William B. Craft . . . . . | $5,000.00 | |
| Emily W. Appleton Fund, being a donation from Mrs. Emily W. Appleton . . . . . | 1,000.00 | |
| Charles R. Hayden Fund, being a donation from Mrs. Annie Ruth Hayden, | 2,000.00 | |
| Spaulding Fund, being a donation of Mahlon D. and John P. Spaulding . | 10,000.00 | |
| Shattuck Fund, being a donation of Mrs. George C. Shattuck . . . . . | 500.00 | |
| Joel Spalding Fund, being a donation of Miss Sarah R. Spalding . . . . . | 3,000.00 | |
| McGregor Fund, being a bequest of Mrs. James McGregor . . . . . | 1,000.00 | |
| Bartlett Fund, being a bequest of Sidney Bartlett . . . . . | 10,000.00 | |
| Jas. B. and Mary Dow Fund, being gift of Mary Dow, under the will of James B. Dow . . . . . | 5,000.00 | |
| Elisha T. Loring Fund, being a bequest of Elisha T. Loring . . . . . | 10,000.00 | |
| Ellen M. Gifford Fund, being part of a bequest of Ellen M. Gifford . . . | 10,000.00 | |
| Turner Sargent Bed Fund, being a bequest of Amelia Jackson Sargent . | 5,000.00 | |
| Sarah E. Allen Fund, being a bequest of Sarah E. Allen . . . . . | 5,000.00 | |
| Wm. S. Dexter Fund, being a donation of Wm. S. Dexter . . . . . | 1,000.00 | |
| Wm. B. Spooner Fund, being a bequest of Wm. B. Spooner . . . . . | 3,000.00 | |
| | | $705,730.11 |

## Income devoted to Beneficiaries at Asylum:—

| | | |
|---|---|---|
| Bromfield Fund, being half of a bequest from John Bromfield . . . . . | $20,000.00 | |
| Read Fund, being half of a bequest from Jas. Read . . . . . | 1,000.00 | |
| Appleton Fund, $10,010 being a bequest from Samuel Appleton, $20,000 being a donation from Wm. Appleton . . . . . | 30,010.00 | |
| McGregor Fund, being half of a donation and bequest from James McGregor . . . . . | 7,500.00 | |
| *Amount carried forward* . . . . | $58,510.00 | $705,730.11 |

| | | |
|---|---|---|
| *Amount brought forward* . . . . | $58,510.00 | $705,730.11 |
| Austin Fund, being part of a bequest from Mrs. Agnes Austin . . . . . | 5,000.00 | |
| Kittredge Fund, being a bequest from Rufus Kittredge . . . . . | 5,500.00 | |
| Templeton Fund, being half of a bequest from John Templeton . . . | 5,000.00 | |
| Proctor Fund, being a bequest from Mrs. Lydia P. Proctor . . . . . | 1,000.00 | |
| Higginson Fund, being a bequest from George Higginson . . . . . | 10,000.00 | |
| Ellen M. Gifford Fund, being part of a bequest from Ellen M. Gifford . . | 5,000.00 | |
| | | 90,010.00 |
| **Income devoted to Female Beneficiaries at Asylum: —** | | |
| Lincoln Fund, being half of a bequest from Mrs. F. W. Lincoln . . . . . | | 85,000.00 |
| **Income unrestricted: —** | | |
| Waldo Fund, being a bequest from Daniel Waldo . . . . . | 40,000.00 | |
| Blake Fund, being a bequest from Stanton Blake . . . . . | 10,000.00 | |
| | | 50,000.00 |
| **Income devoted to any purpose except buildings: —** | | |
| Redman Fund, being a bequest from John Redman . . . . . | | 455,113.34 |
| **Income devoted to a Triennial Prize: —** | | |
| Warren Prize Fund, being a bequest from Dr. J. M. Warren . . . . . | | 3,579.92 |
| **Income devoted to the Library:** | | |
| Treadwell Library Fund, being part of a bequest from J. G. Treadwell . . | | 5,000.00 |
| **Income devoted to Books for Patients: —** | | |
| Warren Library Fund, being a donation from Dr. J. C. Warren . . . . . | | 1,000.00 |

| | | |
|---|---|---|
| **Income and Principal devoted to the publication of a History of the Hospital:—** | | |
| Bowditch History Fund, being a bequest from N. I. Bowditch . . . . . | | $2,000.00 |
| **Income devoted to Amusements at the Asylum:—** | | |
| Amusement Fund, $5,000 being a bequest from Miss Mary Louisa Shaw, $5,000 being a donation from Mrs. Quincy A. Shaw and other Ladies . . . . | | 10,000.00 |
| **Income devoted to Special Surgical Instruments:—** | | |
| Surgical Instrument Fund, being a donation from Dr. H. J. Bigelow, $1,250; donation of Mr. R. M. Moore, $100; donation of Lydia B. & O. A. Taft, $100; donation of Chas. S. Bixby, $25 . . . . . | | 1,475.00 |
| **Wooden Leg Fund:—** | | |
| Being a bequest from N. I. Bowditch, $5,000; donation of P. K., $100 . . . . . | | 5,100.00 |
| **Convalescent Home Fund . .** | $132,280.66 | |
| **Donation from George A. Gardner . . . . . .** | 5,000.00 | |
| **Donation from Miss Mary Russell . . . . . .** | 40,00 | |
| **Bequest of Elizabeth B. I. B. Dixwell . . . . . .** | 1,000.00 | |
| **Donation from Miss Helen C. Bradlee . . . . . .** | 500.00 | |
| | | 138,820.66 |
| **Permanent Free Beds:—** | | |
| Miss Marion Hovey . . . . . | $1,000.00 | |
| Mrs. Fanny H. Morse . . . . . | 1,000.00 | |
| *Amount carried forward* . . . . . | $2,000.00 | |

| | | |
|---|---|---|
| *Amount brought forward* | $2,000.00 | |
| Henry S. Hovey | 1,000.00 | |
| Edward Woodman | 1,000.00 | |
| Children of Mrs. Henry Winsor | 1,000.00 | |
| D. R. Whitney | 1,000.00 | |
| George Gardner | 1,000.00 | |
| Mrs. Nathaniel Thayer | 1,000.00 | |
| Edward F. Deland | 1,000.00 | |
| Mrs. Anna I. Phillips | 1,000.00 | |
| Miss Helen W. Faulkner | 1,000.00 | |
| Jordan, Marsh & Co. | 1,000.00 | |
| | | 12,000.00 |
| Redman Annuities | | 4,600.00 |
| Clara Barton Annuity | | 3,241.00 |
| Asylum Building Fund | | 223,215.28 |
| G. H. Gay Fund | | 7,292.43 |
| Dr. J. H. Whittemore Memorial Fund | | 33,720.00 |
| S. R. Urbino Fund | | 5,000.00 |
| Hibbard Occupation Fund | | 1,000.00 |
| Samuel Cabot Fund for Pathological Investigation | | 2,000.00 |
| Add unused income at credit of | | |
| Warren Prize Fund | $504.71 | |
| Warren Library Fund | 819.62 | |
| Bowditch History Fund | 55.75 | |
| Surgical Instrument Fund | 1,728.71 | |
| Wooden Leg Fund | 316.69 | |
| Clara Barton Annuity | 194.46 | |
| Treadwell Library Fund | 32.48 | |
| Hibbard Occupation Fund | 140.00 | |
| | | 3,792.42 |
| Total of Restricted Funds | | $1,848,690.16 |

## TRIAL BALANCE, DECEMBER 31, 1890.

| *Dr.* | | *Cr.* | |
|---|---|---|---|
| Land and Buildings for Asylum | $320,794.75 | | |
| Land and Buildings for Hospital | 605,426.54 | | |
| Land and Improvements at Belmont | 91,111.01 | | |
| Annuities Receivable | 160,000.00 | | |
| Insurance Stock | 50,000.00 | | |
| Reversions | 10.00 | | |
| Delaware Mutual Insurance Company's Scrip | 550.00 | | |
| Manufacturing Companies Stocks | 47,400.00 | | |
| Bank Stocks | 84,200.00 | | |
| Railroad Stocks | 25,500.00 | | |
| Railroad Bonds | 533,675.00 | | |
| City and Town Bonds | 13,000.00 | | |
| Notes Receivable | 89,000.00 | | |
| Real Estate, Productive, | 919,466.99 | | |
| Edward Cowles, Superintendent | 31,346.33 | | |
| John W. Pratt, Resident Physician | 14.25 | | |
| Balance Cash, Dec. 31, 1890 | 14,710.25 | | |
| | $2,986,205.12 | | |
| Redman Fund | | $455,113.34 | |
| Warren Prize Fund | | 3,579.92 | 504.71 |
| Bowditch History Fund | | 2,000.00 | 55.75 |
| Wooden Leg Fund | | 5,100.00 | 316.69 |
| Clara Barton Annuity | | 3,241.00 | 194.46 |
| Surgical Instrument Fund | | 1,475.00 | 1,728.71 |
| Amusement Fund | | 10,000.00 | |
| Free Bed Funds | | 705,730.11 | |
| Warren Library Funds | | 1,000.00 | 819.62 |
| Beneficiaries at Asylum Funds | | 90,010.00 | |
| Treadwell Library Funds | | 5,000.00 | 32.48 |
| Lincoln Fund | | 85,000.00 | |
| Funds with Income Unrestricted | | 50,000.00 | |
| Permanent Free Beds Fund | | 12,000.00 | |
| Asylum Building Fund | | 223,215.28 | |
| G. H. Gay Fund | | 6,879.63 | 412.80 |
| Convalescent Fund | | 138,820.66 | |
| Dr. J. H. Whittemore Memorial Fund | | 33,720.00 | |
| S. R. Urbino Fund | | 5,000.00 | |
| Samuel Cabot Fund | | 2,000.00 | 475.00 |
| Hibbard Occupation Fund | | 1,000.00 | 140.00 |
| Redman Annuities | | 4,600.00 | |
| General Fund | | 1,126,729.96 | |
| Suspense (see "Reversions"), | | 10.00 | |
| Notes Payable | | 4,500.00 | |
| Subscribers to Free Beds for 1891 | | 5,800.00 | |
| | | $2,981,524.90 | $4,680.22 |
| | | 4,680.22 | |
| | | $2,986,205.12 | |

Property on hand belonging to the Corporation invested as follows: —

INVESTMENTS PRODUCING NO INCOME.

| | | |
|---|---|---|
| Asylum: Land and Buildings occupied for Asylum | $320,794.75 | |
| Superintendent's balance | 31,346.33 | |
| Hospital: Land and Buildings occupied for Hospital | 605,426.54 | |
| Resident Physician's balance | 14.25 | |
| Convalescent Home: Land and Buildings at Belmont | 91,111.01 | |
| Memorandum of expectancies | 10.00 | |
| | | $1,048,702,88 |

INVESTMENTS PRODUCING INCOME.

| | |
|---|---|
| Policies Mass. Hospital Life Ins. Co. | $160,000.00 |
| 500 shares Mass. Hospital Life Ins. Co. | 50,000.00 |
| $50,000 Eastern Railroad Co.'s 6 per cent. Bonds | 50,000.00 |
| $20,000 Kansas City & Cameron Railroad 10 per cent. Bonds | 20,000.00 |
| $5,000 Boston & Albany Railroad Co.'s 7 per cent. Bonds | 5,000.00 |
| $65,000 Chicago, Bur. & Quincy R. R. 7 per cent. Bonds | 65,000.00 |
| $52,000 Chicago, Bur. & Quincy R. R. 5 per cent. Bonds | 52,000.00 |
| $10,000 Chicago, Bur. & Quincy R. R. 4 per cent. Bonds | 10,000.00 |
| $10,000 Chicago, Bur. & Northern R. R. 6 per cent. Bonds | 10,000.00 |
| $228,000 Atch., Topeka & Santa Fé R. R. 4 per cent. Bonds | 182,400.00 |
| $100,000 Atch., Top. & Santa Fé R. R. Income 5 per cent. Bonds | 455,750.00 |
| $38,000 Bur. & Mo. River in Neb. R. R. Non-ex. 6 per cent. Bonds | 38,000.00 |
| $5,000 Bur. & Mo. River in Neb. R. R. 4 per cent. | 4,525.00 |
| $7,000 Cedar Rapids & Mo. River R. R. 7 per cent. Bonds | 7,000.00 |
| $5,000 Bur., Cedar Rapids & Northern R. R. 7 per cent. Bonds | 5,000.00 |
| $3,000 Ft. Scott, So. Eastern & Mem. R. R. 7 per cent. Bonds | 3,000.00 |
| $10,000 Fremont, Elkhorn & Mo. Valley R. R. 6 per cent. Bonds | 10,000.00 |
| $16,000 Old Colony Steamboat 6 per cent. Bonds | 16,000.00 |
| $2,000 City of Providence 5 per cent. Bonds | 2,000.00 |
| $6,000 City of Kansas 8 per cent. Bonds | 6,000.00 |
| $3,000 City of Charlestown 6 per cent. Bonds | 3,000.00 |
| $1,000 City of Lynn 6 per cent. Bonds | 1,000.00 |
| $1,000 City of Chelsea 6 per cent. Bonds | 1,000.00 |
| *Amount carried forward* | $756,675.00 |

| | | |
|---|---|---|
| | *Amount brought forward* | $756,675.00 |
| 100 | Shares Old Colony R. R. Co., | 10,000.00 |
| 155 | ,, Boston & Albany R. R. Co. | 15,500.00 |
| 14 | ,, Merrimack Manufacturing Co. | 14,000.00 |
| 1 | Share Appleton ,, ,, | 1,000.00 |
| 9 | Shares Amory ,, ,, | 900.00 |
| 14 | ,, Amoskeag ,, ,, | 14,000.00 |
| 25 | ,, Great Falls ,, ,, | 2,500.00 |
| 5 | ,, Boston ,, ,, | 5,000.00 |
| 10 | ,, Stark Mills ,, ,, | 10,000.00 |
| 100 | ,, National Union Bank | 10,000.00 |
| 100 | ,, Suffolk National Bank | 10,000.00 |
| 70 | ,, Tremont ,, ,, | 7,000.00 |
| 25 | ,, Old Boston ,, ,, | 2,500.00 |
| 87 | ,, State ,, ,, | 8,700.00 |
| 100 | ,, Columbian ,, ,, | 10,000.00 |
| 160 | ,, Merchants' ,, ,, | 16,000.00 |
| 50 | ,, New England National Bank | 5,000.00 |
| 100 | ,, Massachusetts ,, ,, | 10,000.00 |
| 50 | ,, Eagle ,, ,, | 5,000.00 |
| Land and Store, 17 Blackstone Street | | 19,600.00 |
| ,, ,, ,, 168 Blackstone Street | | 45,000.00 |
| ,, ,, House, 61 Dartmouth Street | | 10,000.00 |
| Redman Estate, Washington Street | | 106,000.00 |
| Building on Floral Place | | 46,794.41 |
| Land and Stores, 496 to 500 Washington Street | | 147,719.30 |
| Land and Houses on Warrenton Street | | 26,700.00 |
| ,, ,, ,, ,, Chambers Street | | 23,900.00 |
| ,, ,, ,, ,, Cross Street | | 9,191.64 |
| ,, ,, House ,, Poplar Place | | 2,500.00 |
| Union Block, Union and Marshall Streets | | 66,875.00 |
| Robertson House, Hanover Street | | 40,125.00 |
| Real Estate, Fruit Street and vicinity | | 99,201.49 |
| Land and Buildings on Washington and Kneeland Streets | | 150,000.00 |
| Land and Buildings 273 and 275 Washington Street | | 125,860.15 |
| Notes secured by Mortgage | | 89,000.00 |
| Delaware Mutual Ins. Co. Scrip | | 550.00 |
| Cash | | 14,710.25 |
| | Investments producing income | $1,937,502.24 |
| | Investments producing no income | 1,048,702.88 |
| Total, foot of trial Balance | | $2,986,205.12 |

F. HAVEN, Jr., *Treasurer.*

## TABLE OF THE EXPENSES OF THE HOSPITAL AND ASYLUM FOR TWENTY-NINE YEARS, 1862 TO 1890.

ORDINARY EXPENSES.

| Year. | Cost of Paying Patients. | Cost of Free Patients. | Other Charities. | Total Expenses of | | Average cost per week per patient. | | Cost over Board. | |
|---|---|---|---|---|---|---|---|---|---|
| | Hospital. | Hospital. | Hospital. | Hospital. | Asylum. | Hospital. | Asylum. | Hospital. | Asylum. |
| 1862 | $6,628.65 | $35,072.01 | $414.15 | $42,114.81 | $71,823.46 | $6.04 | $7.27 | $36,260.92 | $6,640.81 |
| 1863 | 6,151.27 | 40,575.14 | 695.30 | 47,421.71 | 69,300.63 | 6.66 | 6.98 | 41,109.46 | 2,170.56 |
| 1864 | 10,224.81 | 49,286.53 | 648.21 | 60,159.55 | 101,484 38 | 8.38 | 9.76 | 52,445.01 | 4,523.85 |
| 1865 | 23,119.62 | 34,131.83 | 717.35 | 57,968.80 | 120,885.84 | 9.86 | 12.49 | 43,121.53 | 9,507.86 |
| 1866 | 30,086.08 | 37,538.12 | 1,162.60 | 68,786.80 | 126,015.83 | 13.88 | 12.30 | 53,809.36 | 558.19 |
| 1867 | 26,086 67 | 33,758.02 | 1,164.53 | 61,009.22 | 133,844.14 | 11.28 | 13.84 | 44,291.54 | ..... |
| 1868 | 23,663.50 | 42,481.71 | 1,419.26 | 67,564 47 | 142,535.36 | 12.74 | 16.51 | 52,893.02 | 14,642.07 |
| 1869 | 20,128.86 | 40,736.44 | 1,373.30 | 62,238.60 | 138,132.02 | 10.14 | 14.21 | 48,811.90 | ..... |
| 1870 | 15,844.35 | 46,087.42 | 883.05 | 62,814.82 | 134,339.63 | 10.05 | 13.83 | 50,811.01 | ..... |
| 1871 | 15,266.51 | 47,126.12 | 1,133.74 | 63,526.37 | 146,191.23 | 9.96 | 15.80 | 52,447.68 | 9,996.88 |
| 1872 | 12,664.70 | 56,537.74 | 1,497.86 | 70,700.30 | 153,327.60 | 10.10 | 16.93 | 59,547.91 | 14,917.57 |
| 1873 | 16,681.66 | 69,109,97 | 2,135.29 | 87,926.92 | 165,023.79 | 10.29 | 19.23 | 72,435.94 | 26,404.27 |
| 1874 | 14,198.41 | 64,266.27 | 2,634.60 | 81,099.28 | 161,934.11 | 10.13 | 19.59 | 67,548.81 | 2,750.66 |
| 1875 | 10,677.72 | 71,447.23 | 1,761.59 | 83,886.54 | 165,660.47 | 9.72 | 21.07 | 71,989.93 | 11,872.47 |
| 1876 | 11,344.58 | 82,033.60 | 1,312.94 | 94,691.12 | 164,973.80 | 9.41 | 19.72 | 82,027.86 | 13,019.51 |
| 1877 | 10,833.10 | 72,678.63 | 279.16 | 83,790.89 | 143,148.94 | 9.47 | 15.66 | 72,957.79 | ..... |
| 1878 | 11,252.42 | 85,102.61 | 588.98 | 96,944.01 | 136.394.36 | 9.87 | 15.55 | 83,516.61 | ..... |
| 1879 | 11,564.44 | 77,216.88 | 514.25 | 89,295.57 | 117,250.02 | 10.54 | 14.30 | 73,440.58 | ..... |
| 1880 | 10,529.35 | 81,085.73 | 462.82 | 92,077.90 | 131,172.69 | 10.39 | 16.48 | 79,280.61 | 10,078.33 |
| 1881 | 13,462.12 | 88,241.17 | 450.51 | 102,153.80 | 134,561.14 | 11.87 | 16.92 | 88,268.68 | 20,719.30 |
| 1882 | 12,947.98 | 95,642.45 | 8,928.82* | 117,519.25 | 138,518.26 | 12.43 | 17.02 | 95,684.95 | 18,172.21 |
| 1883 | 18,389.28 | 90,665.70 | 6,575.92* | 115,630.90 | 139,711.39 | 12.63 | 16.16 | 91,213.57 | 5,376.89 |
| 1884 | 21,476.00 | 101,954.31 | 6,873.69* | 130,304 00 | 139,201,67 | 14.75 | 16.00 | 107,974.18 | 2,612.02 |
| 1885 | 10,728.87 | 93,411.59 | 8,483.90* | 112,624.36 | 140,278.86 | 11.99 | 15.72 | 87,464.96 | ..... |
| 1886 | 13,423.09 | 99,054.20 | 10,831.84* | 123,309.13 | 144,374.33 | 12.50 | 15.94 | 96,986.71 | 5,805.42 |
| 1887 | 15,337.90 | 105,543.61 | 9,856.94* | 130,738 45 | 139,497.70 | 12.56 | 16.35 | 105,012.17 | 15,049.93 |
| 1888 | 15,594.88 | 119,634.59 | 10,785.86* | 146,015.33 | 139,178.98 | 13.47 | 15.98 | 112,220.05 | 7,788.28 |
| 1889 | 15,612.47 | 131,216.80 | 10,737.64* | 146,829.27 | 146,574.09 | 13.64 | 16.51 | 122,005.14 | 10,255.79 |
| 1890 | 15,477.68 | 112,249.71 | 10,263.22* | 127,727.39 | 152,219.98 | 12.41 | 16.83 | 98,289.40 | 13,769.98 |
| 29 years . . . . . | | | | | | | | $2,143,867.28 | $226,632.85 |

*Including Convalescent Home.

# ANNUAL REPORT OF THE RESIDENT PHYSICIAN.

TABLE No. 1.

**Number of Patients in the Hospital January 1, 1891.**

| | |
|---|---|
| Paying | 18 |
| Free | 173 |
| Total | 191 |

**Admitted from January 1, 1890, to January 1, 1891.**

| | *Males.* | *Females.* | *Total.* |
|---|---|---|---|
| Patients paying board | 366 | 215 | 581 |
| Patients paying board part of the time | 148 | 106 | 254 |
| Patients entirely free | 1,502 | 1,044 | 2,546 |
| | 2,016 | 1,365 | 3,381 |

| | |
|---|---|
| Medical | 1,334 |
| Surgical | 2,047 |

Of these, 6 paid $70; 56 paid $50; 15 paid $35; 10 paid $25; 94 paid $21; 2 paid $20; 8 paid $15; 69 paid $14; 1 paid $12.50; 237 paid $10.50; 175 paid $10; 118 paid $7; 35 paid $6; 9 paid $4.

Whole number of patients treated during the year: paying, 599; paying part of the time, 254; free, 2,719 total, 3,572.

**Discharged during the Year.**

| | *Medical.* | *Surgical.* | *Male.* | *Female.* | *Total.* |
|---|---|---|---|---|---|
| Well | 523 | 1,357 | 1,138 | 742 | 1,880 |
| Much relieved | 196 | 177 | 205 | 168 | 373 |
| Relieved | 179 | 322 | 287 | 214 | 501 |
| Not relieved | 54 | 47 | 54 | 47 | 101 |
| Not treated | 72 | 169 | 120 | 121 | 241 |
| Dead | 121 | 157 | 211 | 67 | 278 |
| Insane and eloped | 4 | 17 | 16 | 5 | 21 |
| | 1,149 | 2,246 | 2,031 | 1,364 | 3,395 |

Number of Patients remaining December 31, 1890.

| | |
|---|---|
| Males | 112 |
| Females | 79 |
| Total | 191 |
| Paying | 18 |
| Free | 173 |
| Total | 191 |
| Medical | 73 |
| Surgical | 118 |
| Total | 191 |

Proportion of deaths to whole number of results, 8.18 per cent.

Number of patients received on account of accidents, 601.

The greatest number of paying patients at any one time was 37; in private rooms, 8; the greatest number of free patients, 200; the greatest total, 225. The least number of paying patients at any one time was 14; in private rooms, 1; the least free, 144; the least total, 158.

The proportion of ward beds occupied by free patients was 77 per cent.; by paying patients, 23 per cent.

About 10.06 of the paying patients occupied private rooms. The average number of patients was 198: males, 114; females, 84.

The average number of paying patients was 24: Americans, 19; foreigners, 5.

The average number in private rooms was 5½.

The average number of free patients was 174: Americans, 80; foreigners, 94.

The average time of paying patients was 2.14 weeks; and that of free patients, 3.55.

TABLE No. 2.

Residences.

| | |
|---|---|
| Boston | 1,032 |
| Massachusetts (excepting Boston) | 1,913 |
| Maine | 88 |
| New Hampshire and Vermont | 126 |
| Rhode Island and Connecticut | 34 |
| Other States | 61 |
| British Provinces | 78 |
| | 3,381 |

TABLE No. 3.

Birthplaces.

| | |
|---|---|
| Boston | 164 |
| Massachusetts (excepting Boston) | 991 |
| Maine | 202 |
| New Hampshire | 136 |
| Vermont | 61 |
| Rhode Island and Connecticut | 65 |
| New York | 58 |
| Southern and Western States | 98 |
| Total Americans | 1,775 |
| British Provinces | 411 |
| Great Britain | 208 |
| Ireland | 722 |
| Germany | 62 |
| Norway and Sweden | 61 |
| France | 14 |
| Switzerland | 9 |
| Italy | 26 |
| Other places | 93 |
| Total foreigners | 1,606 |

TABLE No. 4.

Occupations.

| *Males.* | *Paying.* | *Free.* | *Partial.* |
|---|---|---|---|
| Minors | 24 | 149 | 15 |
| Mechanics | 40 | 348 | 43 |
| Laborers | 12 | 373 | 16 |
| Farmers | 22 | 79 | 10 |
| Seamen | 20 | 62 | 4 |
| Clerks | 47 | 110 | 10 |
| Teamsters | 18 | 57 | 17 |
| Traders | 34 | 90 | 12 |
| Servants | 7 | 55 | 1 |
| Lawyers | 21 | 5 | |
| Clergymen | 5 | 3 | |
| Physicians | 11 | 11 | |
| Merchants | 38 | 67 | |
| Students | 22 | 20 | |
| Other professions | 45 | 73 | 20 |
| | 366 | 1,629 | 148 |

Total males, 2,016. Of these, 60 were in private rooms.

Occupations.

| *Females.* | *Paying.* | *Free.* | *Partial.* |
|---|---|---|---|
| Minors | 7 | 87 | 3 |
| Domestics | 14 | 348 | 9 |
| Wives | 131 | 317 | 64 |
| Widows | 15 | 62 | 14 |
| Seamstresses | 2 | 33 | |
| Spinsters | 7 | 18 | 2 |
| Operatives | 3 | 41 | |
| Teachers | 1 | 14 | |
| Clerks | 11 | 44 | |
| Nurses | 1 | 16 | |
| Other professions | 23 | 64 | 14 |
| | 215 | 1,044 | 106 |

Total females, 1,365. Of these, 24 were in private rooms.

13 per cent. of the free patients were female domestics; 14 per cent. were laborers; 13 per cent. were mechanics; and eight per cent. were minors.

TABLE No. 5.

Admissions Refused.

| | |
|---|---|
| Phthisis (Consumption) | 32 |
| Chronic Ulcers | 7 |
| Scrofula and Abscesses | 17 |
| Hip and Spine | 7 |
| Debility and Senility | 18 |
| Paralysis | 21 |
| Epilepsy | 11 |
| Skin | 13 |
| Other diseases | 48 |
| Total | 174 |

| | |
|---|---|
| Males | 95 |
| Females | 79 |
| Americans | 106 |
| Foreigners | 68 |
| Residents of Boston | 56 |
| Residents of Massachusetts | 71 |
| Residents of other places | 47 |

TABLE No. 6.

Out-patients.

| | |
|---|---|
| Number of new patients | 22,545 |
| Men | 10,169 |
| Women | 8,550 |
| Children | 3,826 |
| Americans | 11,845 |
| Foreigners | 10,700 |
| Residents of Boston | 11,992 |
| Of other places | 10,553 |
| Medical department for women | 4,224 |
| Medical department for men and children | 4,483 |
| Surgical department | 7,800 |
| Ophthalmic department | 867 |
| Department for diseases of skin | 2,318 |
| Department for diseases of nervous system | 922 |
| Department for diseases of the throat | 1,931 |

Total attendance, 57,019.
Average daily attendance, 182.

| | |
|---|---|
| Number of applicants | 17,506 |
| Number admitted | 16,122 |
| Number refused | 226 |
| Number sent to physician's offices | 1,158 |
| Number visited | 1,097 |
| Number visited, correct statement | 603 |
| Number visited, incorrect statement | 494 |

TABLE No. 7.

Convalescent Home.

| | |
|---|---|
| Admitted in 1883 | 101 |
| Admitted in 1884 | 187 |
| Admitted in 1885 | 315 |
| Admitted in 1886 | 295 |
| Admitted in 1887 | 308 |
| Admitted in 1888 | 397 |
| Admitted in 1889 | 431 |

| | *Males.* | *Females.* | *Total.* |
|---|---|---|---|
| Remaining Jan. 1, 1890 | 16 | 3 | 19 |
| Admitted during 1890 | 195 | 172 | 367 |
| Total | 211 | 175 | 386 |
| Discharged | 199 | 169 | 368 |
| Remaining Jan. 1, 1891 | 12 | 6 | 18 |

## TABLE No. 8.

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE MASSACHUSETTS GENERAL HOSPITAL, FROM SEPTEMBER 3, 1821, TO DECEMBER 31, 1890.

| YEAR. | Total admitted. | Free. | Paying board all the time. | Paying part of the time. | Whole number treated. | | | Discharged well. | Percentage on "Total admitted." | Much relieved, or relieved in part. | Not relieved. | Not treated, unfit, dismissed, etc. | Deaths. | Percentage on "Total admitted." | Greatest number free at one time. | Greatest number paying at one time. | Greatest total. | Least total. | Average. | Accidents. | Average time of paying weeks. | Average time of free weeks. | Patients remaining under treatment Dec. 31. | | Out-patients treated. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Paying board. | Paying board part of time. | Free. | | | | | | | | | | | | | | | | Paying. | Free. | |
| From 1821 to 1865 | 29625 | 17484 | 10446 | 1695 | | | | 14671 | 49 | 8291 | 2276 | 1331 | 2729 | 10 | | | 117 | 99 | 116 | 3416 | 3.5 | 6.46 | | | 35959 |
| 1865 | 1199 | 564 | 567 | 68 | 592 | 68 | 687 | 702 | 59 | 295 | 68 | 74 | 104 | 8½ | 137 | 72 | 164 | 88 | 113 | 140 | 3.67 | 4.85 | 45 | 59 | 5356 |
| 1866 | 1120 | 497 | 578 | 45 | 693 | 45 | 556 | 677 | 60 | 82 | 50 | 74 | 96 | 8⅔ | 62 | 58 | 109 | 78 | 95 | 132 | 3.40 | 5.10 | 45 | 50 | 5608 |
| 1867 | 1206 | 626 | 556 | 24 | 601 | 24 | 676 | 676 | 56 | 282 | 62 | 141 | 94 | 7.8 | 77 | 62 | 126 | 72 | 104 | 113 | 3.37 | 4.26 | 39 | 69 | 4553 |
| 1868 | 1265 | 771 | 463 | 31 | 302 | 31 | 840 | 757 | 60 | 258 | 64 | 82 | 85 | 7 | 97 | 56 | 132 | 69 | 102 | 98 | 3.00 | 3.50 | 31 | 96 | 5264 |
| 1869 | 1390 | 834 | 532 | 24 | 563 | 24 | 930 | 771 | 55½ | 352 | 78 | 84 | 107 | 7.7 | 98 | 55 | 139 | 90 | 118 | 93 | 3.40 | 4.30 | 25 | 100 | 6953 |
| 1870 | 1302 | 858 | 414 | 30 | 439 | 30 | 958 | 780 | 60 | 303 | 65 | 68 | 85 | 6.45 | 106 | 45 | 137 | 98 | 120 | 140 | 3.37 | 4.82 | 24 | 86 | 8767 |
| 1871 | 1427 | 970 | 432 | 25 | 456 | 25 | 1056 | 821 | 57½ | 322 | 58 | 73 | 109 | 7.64 | 126 | 43 | 154 | 91 | 122 | 178 | 3.12 | 3.92 | 28 | 126 | 9792 |
| 1872 | 1547 | 1163 | 368 | 16 | 396 | 16 | 1289 | 958 | 62 | 313 | 76 | 84 | 120 | 7.75 | 138 | 42 | 180 | 97 | 135 | 259 | 3.15 | 4.35 | 30 | 120 | 11878 |
| 1873 | 1550 | 1075 | 411 | 64 | 441 | 64 | 1195 | 880 | 57 | 321 | 66 | 86 | 186 | 12 | 156 | 44 | 187 | 129 | 156 | 291 | 3.28 | 6.09 | 35 | 126 | 13517 |
| 1874 | 1639 | 1125 | 394 | 120 | 429 | 120 | 1251 | 946 | 57½ | 396 | 81 | 102 | 127 | 7.69 | 146 | 41 | 183 | 111 | 149 | 234 | 2.73 | 5.64 | 28 | 120 | 15612 |
| 1875 | 1841 | 1445 | 308 | 88 | 336 | 88 | 1565 | 1032 | 56 | 380 | 78 | 120 | 189 | 10.27 | 176 | 31 | 199 | 132 | 166 | 285 | 2.82 | 5.18 | 26 | 164 | 16993 |
| 1876 | 1906 | 1532 | 282 | 92 | 308 | 92 | 1696 | 1019 | 53½ | 502 | 91 | 144 | 150 | 7.86 | 182 | 36 | 210 | 163 | 185 | 245 | 3.22 | 5.73 | 19 | 171 | 17292 |
| 1877 | 1657 | 1270 | 339 | 48 | 358 | 42 | 1441 | 930 | 50 | 409 | 92 | 130 | 130 | 7.68 | 178 | 33 | 194 | 135 | 164 | 147 | 2.84 | 5.54 | 11 | 145 | 18004 |
| 1878 | 1794 | 1433 | 323 | 38 | 334 | 38 | 1578 | 956 | 50 | 505 | 59 | 138 | 134 | 7.46 | 170 | 34 | 187 | 132 | 165 | 200 | 2.80 | 5.27 | 17 | 141 | 18744 |
| 1879 | 1813 | 1436 | 335 | 42 | 352 | 42 | 1577 | 1040 | 57 | 422 | 84 | 125 | 143 | 7.94 | 165 | 30 | 188 | 131 | 163 | 222 | 2.84 | 5.16 | 17 | 140 | 18960 |
| 1880 | 2123 | 1724 | 354 | 45 | 371 | 45 | 1864 | 1186 | 54 | 545 | 74 | 150 | 151 | 7.16 | 165 | 35 | 188 | 156 | 170 | 351 | 2.58 | 4.53 | 17 | 157 | 20566 |
| 1881 | 2106 | 1678 | 402 | 26 | 419 | 26 | 1835 | 1324 | 62 | 429 | 70 | 103 | 189 | 8.96 | 168 | 39 | 195 | 139 | 166 | 391 | 2 79 | 4.41 | 15 | 140 | 18443 |
| 1882 | 2147 | 1736 | 399 | 12 | 414 | 12 | 1876 | 1312 | 61 | 463 | 59 | 13 | 177 | 8.13 | 167 | 35 | 195 | 143 | 168 | 348 | 2.84 | 4.41 | 24 | 141 | 16304 |
| 1883 | 2020 | 1492 | 449 | 79 | 473 | 79 | 1633 | 1286 | 63 | 378 | 61 | 108 | 181 | 8.93 | 168 | 49 | 189 | 143 | 168 | 432 | 2.75 | 4.80 | 32 | 128 | 7102* |
| 1884 | 2096 | 1667 | 382 | 47 | 448 | 47 | 1815 | 1318 | 62 | 367 | 68 | 137 | 191 | 9.11 | 159 | 40 | 186 | 129 | 165 | 397 | 3 | 4 14 | 19 | 148 | 14824 |
| 1885 | 2327 | 1910 | 371 | 46 | 382 | 46 | 2044 | 1584 | 68 | 361 | 73 | 129 | 192 | 8.25 | 166 | 26 | 184 | 147 | 167 | 443 | 2.38 | 4.08 | 11 | 134 | 17016 |
| 1886 | 2580 | 2124 | 392 | 64 | 409 | 64 | 2283 | 1689 | 65 | 411 | 64 | 175 | 192 | 7.44 | 178 | 30 | 206 | 133 | 173 | 471 | 2.78 | 3.72 | 17 | 159 | 17925 |
| 1887 | 2814 | 2340 | 429 | 45 | 447 | 45 | 2523 | 1694 | 60 | 565 | 89 | 173 | 245 | 8.70 | 196 | 40 | 217 | 150 | 185 | 490 | 2.90 | 3.57 | 18 | 183 | 18981 |
| 1888 | 3256 | 2549 | 553 | 154 | 570 | 154 | 2731 | 2021 | 61 | 640 | 100 | 210 | 277 | 8.50 | 194 | 42 | 215 | 156 | 193 | 496 | 2.16 | 3.46 | 17 | 182 | 19472 |
| 1889 | 3419 | 2825 | 500 | 94 | 514 | 94 | 3016 | 2034 | 59 | 669 | 110 | 300 | 285 | 8.33 | 205 | 29 | 227 | 170 | 207 | 530 | 2.28 | 3.40 | 14 | 191 | 22939 |
| 1890 | 3381 | 2546 | 581 | 254 | 599 | 254 | 2719 | 1880 | 55 | 874 | 101 | 241 | 278 | 8.13 | 200 | 37 | 225 | 158 | 198 | 601 | 2.14 | 3.55 | 18 | 173 | 22545 |
| | 80550 | | | | | | | 34944 | | 19135 | 4217 | 4690 | 6846 | | | | | | | | | | | | 411369 |

*Out-patient Department open only five months.

TABLE No. 9.

TABLE SHOWING THE COST OF THE PRINCIPAL STORES AT THE MASSACHUSETTS GENERAL HOSPITAL.

| Articles. | 1888. | | | 1889. | | | 1890. | | | Percentage of total disbursements. |
|---|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | |
| Beef, Sirloin, lbs. | 10,224 | $2,394.77 | .23 | 11,703 | $2,171 52 | .18 | 10,740 | $2,176.92 | .20 | .... |
| „ Corned, „ | 6,019 | 421.33 | .07 | 7,886 | 551.42 | .07 | 8,291 | 570.00 | .06¾ | .... |
| „ Round, „ | 31,966 | 2,624.93 | .08 | 37,530 | 2,684.10 | .07 | 35,902 | 2,600.76 | .07 | .... |
| „ Rump, „ | ..... | ..... | .... | .... | ..... | .... | ..... | ..... | .... | 6.94 |
| „ Roasting, „ | 18,054 | 1,831.18 | .10 | 18,750 | 1,745.45 | .09 | 18,290 | 1,662.88 | .09 | .... |
| Mutton . . . „ | 11,775 | 1,472.68 | .125 | 13,658 | 1,554.94 | .11⅜ | 12,886 | 1,490.28 | .11 | .... |
| Poultry . . . „ | 14,242 | 2,321.90 | .16 | 17,294 | 2,925.32 | .16¾ | 15,339 | 2,303.71 | .15 | 1.88 |
| Butter . . . „ | 13,103 | 3,897.19 | .29 | 15,721 | 4,268.10 | .27 | 15,130 | 3,969.63 | .26⅜ | 3.24 |
| Eggs . . . doz. | 11,201 | 3,060.25 | .273 | 12,104 | 3,243.48 | .26¾ | 11,959 | 3,289.27 | .27½ | 2.68 |
| Flour . . . bbls. | 64 | 390.75 | 6.10 | 106 | 731.90 | 6.90 | 107 | 647.50 | 6.05 | .052 |
| Bread . . . lbs. | 37,270 | 2,049.87 | .055 | 35,080 | 1,929.42 | .055 | 33,560 | 1,845.81 | .05½ | 1.58 |
| Ice . . . . tons | 433.98 | 1,060.98 | 2.44 | 486.35 | 1,738.18 | 3.55 | 268,097 | 1,362.31 | 5.08 | 1.11 |
| Sugar . . lbs. | 23,563 | 1,717.13 | .07 | 26,840 | 2,206.11 | .08 | 28,165 | 1,853.38 | .06⅔ | 1.51 |
| Tea . . . lbs. | 1,859 | 733.24 | .40 | 1,272½ | 512.32 | .40 | 1,270 | 471.88 | .37 | .039 |
| Milk . . . qts. | 144,823 | 7,704.16 | .053 | 153,984½ | 8,128.55 | .055 | 151,477 | 7,771.94 | .051 | 6.36 |
| Potatoes . bush. | 1,080 | 1,098.30 | 1.01 | 1,232½ | 1,087.64 | .88 | 1,280 | 1,476.52 | 1.15 | 2.11 |

The Young Men's Christian Union gave us thirty-one rides, taking out two hundred and forty-eight patients.

Respectfully submitted,

JOHN W. PRATT,

*Resident Physician.*

BOSTON, Jan. 1, 1891.

The Massachusetts General Hospital is a private, not a public institution.

Applications for admission of patients must be made at the Hospital on Blossom Street, Boston, on week-days, between the hours of 9 and 11 A. M. and 2 and 3 P. M.

Recent accidents admitted at all hours.

Out-patients received between 9 and 10 A. M., week-days only.

Applications from a distance must be made in writing, accompanied by a full description of the case by the attending physician, and, when a Free Bed is desired, by a statement of the pecuniary condition of the patient, and a reply should be awaited before sending the patient.

Contagious and chronic diseases are not admitted.

Regular charges to paying patients are as follows: in the Jackson Ward (private), $50 per week; in small room in the Townsend and Bigelow Wards, $25 per week; in the General Wards, $10 per week. These rates, covering only expenses of board and lodging, may be increased or abated in individual cases by the Resident Physician.

An ambulance, accompanied by a medical officer, will be dispatched to any point within the city proper for the conveyance of cases of *accident* or *urgent sudden sickness, not contagious*, to this Hospital, or elsewhere, upon notice from a physician, the police, or other responsible source, subject to the approval of the undersigned.

In cases requiring gratuitous treatment, no charge will be made.

JOHN W. PRATT,

*Resident Physician.*

# ANNUAL REPORT (SEVENTY-THIRD)

OF THE

## SUPERINTENDENT OF THE McLEAN ASYLUM.

The following report, with tabular statements relating to the number and condition of the patients treated in the Asylum during the year 1890, is respectfully presented:—

TABLE No. 1.

GENERAL STATISTICS OF THE YEAR.

| | Males. | Females. | Total. |
|---|---|---|---|
| Patients in the Asylum, Jan. 1, 1890 | 83 | 91 | 174 |
| Admissions within the year | 61 | 62 | 123 |
| Whole number of *cases* within the year | 144 | 153 | 297 |
| Discharged within the year | 56 | 57 | 113 |
| Namely,— as Recovered | 21 | 23 | 44 |
| Much improved | 7 | 8 | 15 |
| Improved | 14 | 9 | 23 |
| Unimproved | 9 | 10 | 19 |
| Not insane | | 1 | 1 |
| Deaths | 5 | 6 | 11 |
| Patients remaining Dec. 31, 1890, supported as private patients, | 88 | 96 | 184 |
| Number of different *persons* within the year | 140 | 151 | 291 |
| ,, ,, ,, ,, admitted | 59 | 61 | 120 |
| ,, ,, ,, ,, recovered | 20 | 23 | 43 |
| Daily average number of patients | 86.11 | 87.56 | 173.67 |

During the year, two men and one woman were twice admitted. Two men and one woman present at the beginning of the year were discharged and readmitted. Thus there were two hundred and ninety-seven cases treated, representing two hundred and ninety-one persons.

Of the one hundred and twenty persons admitted during the year, seventy-five were regarded as recent cases, and forty-five as chronic, or incurable.

Eighty-three persons, thirty-six men and forty-seven women, had never been in any hospital. Of the remaining thirty-seven persons, twenty-four, fourteen men and ten women, were admitted for the second time; eight persons, five men and three women, for the third time; three persons, two men and one woman, for the fourth time; one man for the fifth time; and one man for the twenty-fifth and twenty-sixth times.

In 1890 there were ten more admissions, eight more discharges, and eighteen more cases under treatment than during the year 1889; and the number present was ten more at the end than at the beginning of the year.

Of the one hundred and eleven persons discharged, including deaths, fourteen, eight men and six women, were transferred to other hospitals in this State, and one man to a hospital in another State.

Of the forty-three persons discharged recovered, thirty had never before been inmates of any hospital; and, of the remaining thirteen persons, ten had been in this Asylum, two in private asylums in this State, and one in an asylum in another State. These thirteen persons had previously made forty-four recoveries.

The average duration of illness from the beginning of attack in all cases recovered was 8.31 months, and the average duration of their residence in the Asylum was 5.17 months.

The percentage of recoveries on all admissions, of persons accounted as insane, for the year 1890, was 36.97. The medical work of the year was more than usually active. The number admitted has not been equalled since 1859. The general results of the last year's work are satisfactory.

The voluntary cases admitted during the year numbered fifty-eight. These represented fifty-five

persons,— thirty-four men and twenty-one women. Of these, twenty-nine were cases of melancholia, five of mania, two of "fixed ideas," three of delusional insanity, four of secondary dementia, one each of paralytic, epileptic, and toxic insanity, five of general paralysis, and four were not insane. Of these fifty-five persons, three were committed after entering the Asylum as voluntary cases, and two were twice admitted as voluntary cases. The fifty-eight voluntary cases admitted during the year with twenty-nine such cases remaining from previous years furnished seventeen recoveries. Thus the voluntary patients have yielded 29.3 per cent. of recoveries on the admissions of that class for 1890, thus furnishing less than their due proportion of all the recoveries. Of this class, five other cases were discharged much improved, ten improved, six not improved, one not insane, and four dead. The total remaining under the voluntary relation at the end of the year is forty-one persons, nineteen men and twenty-two women.

The number of persons admitted as voluntary patients under the present law is as follows: namely, 1881, 1; 1882, 11; 1883, 33; 1884, 49; 1885, 34; 1886, 29; 1887, 29; 1888, 34; 1889, 41; 1890, 58;— a total of 319 persons in ten years.

The voluntary system continues to give accumulating evidence of its value to those who avail themselves of it, and of its ameliorating influence upon the conditions of the Asylum.

There is little that need be added to the special discussion of this subject presented in the report of a year ago. The results of the last year are noteworthy however in their reinforcment of statements formerly made. In a total of one hundred and twenty-three admissions fifty-eight were of voluntary cases,— nearly one-half of the whole number, and a larger proportion

than ever before; including those remaining from the previous year there were eighty-seven under treatment. Of these seven became discontented and were discharged and removed by friends; but one soon died, one was incurable, one was soon sent to another hospital, and one returned here by her own desire. These patients made no written requests for discharge, but it seemed best that they should be allowed to make the change. Two other patients made such requests in writing, but retracted them in like manner upon being asked by their friends to do so. One of these two was finally committed, as were two other men who also made formal requests for discharge; the friends, being unwilling to take the responsibility of removal, called in physicians and a judge of a Somerville court, and the patients were found to be unable to take care of themselves and were duly committed.

While such a system should be properly guarded in the interest alike of the patients and the institutions, it is invaluable as promoting that mutual confidence which strengthens the good work of the hospitals, making them truly hospitals in their helpfulness to the sick, and not forbidding to those who should early seek such aid.

In the Pathological and Psychological Department progress has been made in the initiation of the newer work that has been undertaken for the application of physiological experiments to clinical purposes. Although the beginning of this special work was delayed in the first half of the year for the completion and fitting of the rooms in the new laboratory, and for obtaining and arranging the special apparatus, much preparatory work was accomplished. In the latter months of the year, the work of experimental investigation was advanced along the chosen lines of inquiry, and already gives encouraging promise of good

results. The newness and the difficulty of the work require time as well as patience for developing it to a stage that affords material for a report of definite results.

The problems that first manifestly present themselves for such inquiry are those relating to the nature and source of nervous energy, the phenomena of its expenditure and exhaustion as clinically observed in the prodromic and acute stages of ordinary insanity, and the remedial measures that best affect the arrest of exhausting processes and promote the restoration of the vigor of bodily and mental health. Prominent among these studies are the changes in nervous reactions in health and disease, the relation of the mental element as to its interference with these reactions, and the counter influence of bodily conditions upon mental states. These questions involve a study of the laws of nutrition, rest, and physical exercise, and the exact observation of the conditions attending progress toward recovery in individual cases. Such problems as these are strictly physiological and lie at the foundation of scientific psychiatry, as much as those relating to the structure and pathology of the nervous elements. But these inquiries open so broad a field that it is necessary to combine the studies of the laboratory, the gymnasium, and the bedside. The complexity of all this would be discouraging at the outset, were it not so plainly to be seen that the only way to begin is to begin; and so far it is enough to have made a beginning of these investigations, which is, as stated in a former report, the most that has yet been claimed as at present possible for us to do.

Incidental to the development of this work, a plan has been adopted by which the clinical and laboratory studies can be brought together. The members of the medical staff, including the house pupils, have

organized a medical society for conference upon the questions involved, and for reviewing the literature of any chosen subjects. But instead of the usual procedures of a medical society, an adaptation has been made of the "seminary method," which constitutes in this case a Psychological Seminary. The effect of it is that, for its weekly meetings in this second year of its existence, a series of minor topics was so chosen that, by their selection or assignment, each person in turn has contributed to a close review of the history and literature of a larger subject leading to a practical summing up of present knowledge in regard to it, with reference to the undertaking of new investigations. From the side of the laboratory concurrent contributions are made, and this furnishes the field and means for the newer work.

The work of any given meeting does not involve the preparation of a formal written paper, but is made up by a presentation of the reader's notes of his own readings upon the topic under immediate consideration, citations from the books which now constitute our good reference library, and the further discussion by others of the questions raised. A careful record is kept of all these matters, giving the full argument with all quotations and particularly the transcription of all translations *in extenso*. The whole volume of records is well indexed, and this addition to the seminary method furnishes a valuable body of well-arranged data for subsequent reference.

This method is radically different, it will be seen, from the treatment of disconnected subjects of ordinary "society" work, but it is elastic enough to permit the taking up of any topic of interest for the time being; or any line of inquiry once started may be followed where it logically leads, otherwise than by a pre-arranged series. The difficulty of effective

study in the midst of hospital routine is too well known. It is only by systematic attention to the matter that anything worthy can be accomplished This method not only furnishes an excellent system, but it minimizes labor, arouses interest, multiplies the effectiveness of the working power of each member of the Seminary, and may be easily put in practice by the medical staff of any hospital.

A special report of the Training School for Nurses will be found in the Appendix. The purposes of the school are stated, the course of instruction, and how to make application for admission to it.

The ladies' gymnasium has maintained its usefulness, not only as to the special matter of physical training for nurses and patients, but its pleasant rooms are an attractive resort and furnish an agreeable and salutary change from the monotony of the wards. The gymnasium for gentlemen is now completed and by a transformation of the old bowling alley we have now an improvement of the former facilities for physical training, bowling, and billiards, the commodious reading and smoking rooms that have been added, and the new position of the building will make it a convenient and attractive place by day and evening.

While much satisfactory work has been done, it is still true that all heretofore said of the urgent need of new buildings only gathers emphasis every year under properly favorable conditions the effort and expenditure now given out here would do more work and more good. It would be a great aid and encouragement if only one building could soon be provided at Waverly, where convalescence could be better promoted in many cases, and ensured in not a few doubtful ones. Something to make a beginning of a new hospital would be the most beneficent and productive

aid that could now be given to the charitable work which the institution has in its charge.

The work of such an institution as this has the peculiarity that little can be generally known of the appreciation in which its benefits are held by those who have received them; but there is no gratitude more profound and sincere than theirs, nor is there any giving of sympathy and help more greatly valued than that which is constantly being received here by the patients and those who are engaged in taking care of them. For all this we are sincerely thankful.

Very respectfully,

EDWARD COWLES,

*Medical Superintendent.*

## TABLE No. 2.

MONTHLY ADMISSIONS, DISCHARGES, AND AVERAGES.

| Months. | Admissions. | | | Discharges (including Deaths). | | | Daily Average of Patients in the House. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| January . . . | 9 | 5 | 14 | 2 | 3 | 5 | 84.87 | 88.58 | 173.45 |
| February . . | 4 | 5 | 9 | 2 | 3 | 5 | 85.92 | 85.61 | 171.53 |
| March . . . | 8 | 3 | 11 | 5 | 4 | 9 | 84.90 | 85.80 | 170.70 |
| April . . . . | 1 | 6 | 7 | 7 | 9 | 16 | 81.26 | 84.14 | 165.40 |
| May . . . . | 8 | 6 | 14 | 4 | 5 | 9 | 81.19 | 82.87 | 164.06 |
| June . . . . | 3 | 2 | 5 | 9 | 3 | 12 | 83.60 | 87.63 | 171.23 |
| July . . . . | 6 | 5 | 11 | 2 | 2 | 4 | 86.51 | 90.78 | 177.29 |
| August . . . | 3 | 6 | 9 | 3 | 2 | 5 | 86.25 | 90.26 | 176.51 |
| September . . | 6 | 4 | 10 | 5 | 6 | 11 | 88.00 | 87.93 | 175.93 |
| October . . . | 6 | 5 | 11 | 1 | 6 | 7 | 92.09 | 83.49 | 175.58 |
| November . . | 5 | 9 | 14 | 4 | 10 | 14 | 91.66 | 89.11 | 180.77 |
| December . . | 2 | 6 | 8 | 12 | 4 | 16 | 87.13 | 94.52 | 181.65 |
| Total *cases* . | 61 | 62 | 123 | 56 | 57 | 113 | 86.11 | 87.56 | 173.67 |
| Total *persons* . | 59 | 61 | 120 | 54 | 57 | 111 | . . | . . | . . |

## TABLE No. 3.

RECEIVED ON FIRST AND SUBSEQUENT ADMISSIONS.

| Number of the Admission. | Cases admitted. | | | Times previously recovered. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| First . . . . . | 36 | 47 | 83 | . . | 6 | 6 |
| Second . . . . . | 15 | 11 | 26 | 4 | 7 | 11 |
| Third . . . . . | 5 | 3 | 8 | 4 | 2 | 6 |
| Fourth . . . . . | 2 | 1 | 3 | 5 | . . | 5 |
| Fifth . . . . . | 1 | . . | 1 | . . | . . | . . |
| Twenty-fifth . . . | 1 | . . | 1 | . . | . . | . . |
| Twenty-sixth . . . | 1 | . . | 1 | 25 | . . | 25 |
| Total of *cases* . . . | 61 | 62 | 123 | 38 | 15 | 53 |
| Total of *persons* . . | 59 | 61 | 120 | . . | . . | . . |

These 53 recoveries represent 23 persons, 17 having recovered one, 4 two, 1 three and 1 twenty-five times.

## TABLE No. 4.

AGES OF PERSONS ADMITTED FOR THE FIRST TIME.

| Ages. | At first attack of Insanity. | | | When admitted. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| Congenital, | . . | . . | . . | . . | . . | . . |
| From 10 to 15 yrs.; | 1 | 1 | 2 | 1 | 1 | 2 |
| ,, 15 ,, 20 ,, | 3 | 2 | 5 | 2 | 1 | 3 |
| ,, 20 ,, 25 ,, | 1 | 2 | 3 | 2 | 2 | 4 |
| ,, 25 ,, 30 ,, | 6 | 7 | 13 | 5 | 3 | 8 |
| ,, 30 ,, 35 ,, | 5 | 3 | 8 | 5 | 5 | 10 |
| ,, 35 ,, 40 ,, | 3 | 7 | 10 | 1 | 6 | 7 |
| ,, 40 ,, 50 ,, | 9 | 13 | 22 | 12 | 13 | 25 |
| ,, 50 ,, 60 ,, | 2 | 4 | 6 | 2 | 5 | 7 |
| ,, 60 ,, 70 ,, | 4 | 5 | 9 | 3 | 7 | 10 |
| ,, 70 ,, 80 ,, | 2 | 3 | 5 | 2 | 3 | 5 |
| ,, 80 ,, 90 ,, | . . | . . | . . | 1 | 1 | 2 |
| Total of *persons* | 36 | 47 | 83 | 36 | 47 | 83 |

## TABLE No. 5.

PARENTAGE OF PERSONS ADMITTED.

| Place of Nativity. | Males. | | Females. | | Total. | |
|---|---|---|---|---|---|---|
| | Father. | Mother. | Father. | Mother. | Father. | Mother. |
| Maine . . . . . | 5 | 6 | 5 | 6 | 10 | 12 |
| New Hampshire . . | 9 | 8 | 6 | 7 | 15 | 15 |
| Vermont . . . . | 1 | 1 | 1 | . . | 2 | 1 |
| Massachusetts . . | 23 | 22 | 33 | 30 | 56 | 52 |
| Connecticut . . . | 3 | 3 | . . | . . | 3 | 3 |
| New York . . . . | 1 | 1 | 1 | 2 | 2 | 3 |
| District of Columbia | . . | . . | 1 | . . | 1 | . . |
| Maryland . . . . | . . | . . | . . | 1 | . . | 1 |
| Kentucky . . . . | 1 | 1 | . . | . . | 1 | 1 |
| Sweden . . . . . | 1 | 1 | . . | . . | 1 | 1 |
| England . . . . . | 3 | 3 | 1 | 2 | 4 | 5 |
| Ireland . . . . . | 6 | 6 | 6 | 8 | 12 | 14 |
| Nova Scotia . . . | 3 | 3 | 2 | 2 | 5 | 5 |
| New Brunswick . . | . . | 1 | . . | . . | . . | 1 |
| Canada . . . . . | . . | . . | 1 | 1 | 1 | 1 |
| Scotland . . . . . | . . | . . | 2 | 1 | 2 | 1 |
| Germany . . . . | 3 | 3 | 1 | 1 | 4 | 4 |
| France . . . . . | . . | . . | 1 | . . | 1 | . . |
| Total of *persons* . . | 59 | 59 | 61 | 61 | 120 | 120 |

## TABLE No. 6.

RESIDENCE OF PERSONS ADMITTED.

| Places. | Males. | Females. | Total. |
|---|---|---|---|
| Massachusetts:— | | | |
| Suffolk County | 16 | 19 | 35 |
| Middlesex County | 18 | 16 | 34 |
| Essex County | 8 | 4 | 12 |
| Norfolk County | 4 | 6 | 10 |
| Plymouth County | 1 | 2 | 3 |
| Worcester County | 2 | 2 | 4 |
| Barnstable County | .. | 2 | 2 |
| Hampden County | 1 | .. | 1 |
| Maine | 3 | 2 | 5 |
| New Hampshire | 1 | 1 | 2 |
| Vermont | 1 | 1 | 2 |
| Connecticut | 2 | 1 | 3 |
| New York | .. | 3 | 3 |
| Pennsylvania | .. | 1 | 1 |
| Maryland | .. | 1 | 1 |
| Wisconsin | 1 | .. | 1 |
| Kansas | 2 | .. | 2 |
| Nova Scotia | 1 | .. | 1 |
| Canada | .. | 1 | 1 |
| Total of *cases* | 61 | 62 | 123 |
| Total of *persons* | 59 | 61 | 120 |

## TABLE No. 7.

CIVIL CONDITIONS OF PERSONS ADMITTED.

| Number of the Admission. | Unmarried. | | | Married. | | | Widowed. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| First | 17 | 17 | 34 | 16 | 20 | 36 | 3 | 10 | 13 |
| Second | 7 | 4 | 11 | 8 | 5 | 13 | .. | 2 | 2 |
| Third | 1 | 2 | 3 | 4 | 1 | 5 | .. | .. | .. |
| Fourth | .. | 1 | 1 | 2 | .. | 2 | .. | .. | .. |
| Fifth | 1 | .. | 1 | .. | .. | .. | .. | .. | .. |
| Twenty-fifth | 1 | .. | 1 | .. | .. | .. | .. | .. | .. |
| Twenty-sixth | 1 | .. | 1 | .. | .. | .. | .. | .. | .. |
| Total *cases* | 28 | 24 | 52 | 30 | 26 | 56 | 3 | 12 | 15 |
| Total *persons* | 27 | 24 | 51 | 29 | 25 | 54 | 3 | 12 | 15 |

## TABLE No. 8.

### OCCUPATIONS OF PERSONS ADMITTED.

| Occupations. | Males. | Females. | Total. |
|---|---|---|---|
| Housewife | . . | 25 | 25 |
| Clerk | 5 | 4 | 9 |
| Manufacturer | 6 | . . | 6 |
| Farmer | 7 | . . | 7 |
| Florist | 1 | . . | 1 |
| Teacher | 1 | 2 | 3 |
| Lawyer | 2 | . . | 2 |
| Physician | 3 | . . | 3 |
| Clergyman | 1 | . . | 1 |
| Civil Engineer | 1 | . . | 1 |
| Lithographer | 1 | . . | 1 |
| Broker | 2 | . . | 2 |
| Jeweller | 1 | . . | 1 |
| Grocer | 1 | . . | 1 |
| Baker | 1 | . . | 1 |
| Actor | 2 | . . | 2 |
| Railroad Engineer | 1 | . . | 1 |
| Artist | . . | 3 | 3 |
| Mechanic | 6 | . . | 6 |
| Liquor Dealer | 1 | . . | 1 |
| Commercial Traveller | 2 | . . | 2 |
| Coachman | 2 | . . | 2 |
| Barber | 1 | . . | 1 |
| Sailor | 1 | . . | 1 |
| Seamstress | . . | 2 | 2 |
| Nurse | . . | 2 | 2 |
| No occupation | 10 | 23 | 33 |
| Total of *persons* | 59 | 61 | 120 |

## TABLE No. 9.

### REPORTED DURATION OF INSANITY BEFORE LAST ADMISSION.

| Previous Duration. | First Admission to any Hospital. | | | All other Admissions. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Congenital | . . | . . | . . | . . | . . | . . | . . | . . | . . |
| Under 1 mo. | 11 | 8 | 19 | 8 | 2 | 10 | 19 | 10 | 29 |
| Fr. 1 to 3 mo., | 9 | 5 | 14 | 2 | 6 | 8 | 11 | 11 | 22 |
| ,, 3 ,, 6 ,, | 1 | 16 | 17 | 5 | . . | 5 | 6 | 16 | 22 |
| ,, 6 ,, 12 ,, | 4 | 6 | 10 | 1 | 1 | 2 | 5 | 7 | 12 |
| ,, 1 ,, 2 yrs., | 5 | 4 | 9 | 2 | . . | 2 | 7 | 4 | 11 |
| ,, 2 ,, 5 ,, | 3 | 6 | 9 | 4 | 5 | 9 | 7 | 11 | 18 |
| ,, 5 ,, 10 ,, | 3 | 2 | 5 | 3 | 1 | 4 | 6 | 3 | 9 |
| Total *cases* | 36 | 47 | 83 | 25 | 15 | 40 | 61 | 62 | 123 |
| Total *persons* | . . | . . | . . | 23 | 14 | 37 | 59 | 61 | 120 |
| Average of known persons (in years), | 1.18 | .97 | 1.07 | 2. | 1.96 | 1.99 | | | |

## TABLE No. 10.

FORM OF DISEASE IN THE CASES ADMITTED.

| Form of Disease. | Males. | Females. | Total. |
|---|---|---|---|
| Mania, acute | 9 | 13 | 22 |
| Mania, recurrent | 2 | . . | 2 |
| Fixed Ideas | 2 | . . | 2 |
| Melancholia, acute | 20 | 27 | 47 |
| Melancholia, chronic | 1 | 3 | 4 |
| Moral Insanity | 1 | . . | 1 |
| Toxic Insanity | 3 | . . | 3 |
| Delusional Insanity | 2 | 1 | 3 |
| Paralytic Insanity | 1 | . . | 1 |
| Senile Insanity | 3 | 2 | 5 |
| Epileptic Insanity | 1 | . . | 1 |
| Hystero-epilepsy | . . | 1 | 1 |
| Dementia, secondary | 5 | 7 | 12 |
| General Paralysis | 8 | 7 | 15 |
| Not insane | 3 | 1 | 4 |
| Total of *cases* | 61 | 62 | 123 |
| Total of *persons* | 59 | 61 | 120 |

## TABLE No. 11.

ALLEGED CAUSES OF INSANITY IN PERSONS ADMITTED.

| Causes. | Males. | Females. | Total. |
|---|---|---|---|
| *Mental.* | | | |
| Grief | 2 | 1 | 3 |
| Anxiety | 6 | 5 | 11 |
| Overstudy | . . | 2 | 2 |
| *Physical.* | | | |
| Ill-health | 4 | 8 | 12 |
| Neurasthenia | 1 | 4 | 5 |
| Overwork | 8 | 5 | 13 |
| Constitutional | 7 | 4 | 11 |
| Change of life | . . | 4 | 4 |
| Childbirth | . . | 2 | 2 |
| Acute Disease | 3 | 4 | 7 |
| Cerebral Embolism | 1 | . . | 1 |
| Injury to Head | . . | 2 | 2 |
| Narcotics | 2 | . . | 2 |
| Intemperance | 5 | . . | 5 |
| Masturbation | 1 | . . | 1 |
| Old Age | 1 | 1 | 2 |
| Unknown | 20 | 20 | 40 |
| Total of *cases* | 61 | 62 | 123 |
| Total of *persons* | 59 | 61 | 120 |

## TABLE No. 12.

RELATION TO HOSPITALS OF THE PERSONS ADMITTED.

| | Males. | Females. | Total. |
|---|---|---|---|
| Never before in any Hospital | 36 | 47 | 83 |
| Former inmates of this Hospital | 13 | 7 | 20 |
| Former inmates of other Hospitals in this State:— | | | |
| Danvers | 3 | 1 | 4 |
| South Boston | 1 | 1 | 2 |
| Private Asylum | 1 | 1 | 2 |
| Worcester | 1 | . . | 1 |
| Westborough | . . | 1 | 1 |
| Taunton | . . | 1 | 1 |
| Former inmates of Hospitals in other States | 3 | 2 | 5 |
| Former inmates of this Hospital and of other Hospitals in this State:— | | | |
| Northampton | 1 | . . | 1 |
| Danvers | 1 | . . | 1 |
| Former inmates of this Hospital and of Hospitals in other States | 1 | . . | 1 |
| Former inmates of foreign Hospitals | . . | 1 | 1 |
| Total of *cases* | 61 | 62 | 123 |
| Total of *persons* | 59 | 61 | 120 |

## TABLE No. 13.

### DISCHARGES CLASSIFIED BY ADMISSION AND RESULT.

| Admission. | Recovered. | | | Much Improved. | | | Improved. | | | Unimproved. | | | Not Insane. | | | Died. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| First . . . . . | 11 | 19 | 30 | 4 | 7 | 11 | 12 | 6 | 18 | 7 | 8 | 15 | . . | 1 | 1 | 4 | 4 | 8 | 38 | 45 | 83 |
| Second . . . . . | 3 | 3 | 6 | . . | . . | . . | 1 | 1 | 2 | 2 | . . | 2 | . . | . . | . . | . . | 1 | 1 | 6 | 5 | 11 |
| Third . . . . . | 2 | 1 | 3 | 3 | . . | 3 | 1 | 1 | 2 | . . | 1 | 1 | . . | . . | . . | 1 | . . | 1 | 7 | 3 | 10 |
| Fourth . . . . . | 1 | . . | 1 | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | 1 | 1 | 1 | 1 | 2 |
| Fifth . . . . . | 1 | . . | 1 | . . | 1 | 1 | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | 1 | 1 | 2 |
| Sixth . . . . . | . . | . . | . . | . . | . . | . . | . . | 1 | 1 | . . | 1 | 1 | . . | . . | . . | . . | . . | . . | . . | 2 | 2 |
| Seventh . . . . . | 1 | . . | 1 | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | 1 | . . | 1 |
| Twenty-fifth . . . | 1 | . . | 1 | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | 1 | . . | 1 |
| Twenty-sixth . . . | 1 | . . | 1 | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | . . | 1 | . . | 1 |
| Total of *cases* . . . | 21 | 23 | 44 | 7 | 8 | 15 | 14 | 9 | 23 | 9 | 10 | 19 | . . | 1 | 1 | 5 | 6 | 11 | 56 | 57 | 113 |
| Total of *persons* . . | 20 | 23 | 43 | 7 | 8 | 15 | 14 | 9 | 23 | 9 | 10 | 19 | . . | 1 | 1 | 5 | 6 | 11 | 54 | 57 | 111 |

## TABLE No. 14.

CASES DISCHARGED RECOVERED.—DURATION.

| Period. | Duration before Admission. | | | Hospital Residence. | | | Whole Duration from the Attack. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Male. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Under 1 mo. . | 9 | 8 | 17 | 1 | 1 | 2 | 1 | 1 | 2 |
| Fr. 1 to 3 mo., | 5 | 8 | 13 | 10 | 7 | 17 | 4 | 2 | 6 |
| ,, 3 ,, 6 ,, | 3 | 3 | 6 | 5 | 6 | 11 | 6 | 8 | 14 |
| ,, 6 ,, 12 ,, | 4 | 2 | 6 | 4 | 6 | 10 | 7 | 7 | 14 |
| ,, 1 ,, 2 yrs., | .. | 1 | 1 | 1 | 2 | 3 | 3 | 3 | 6 |
| ,, 2 ,, 5 ,, | .. | 1 | 1 | .. | 1 | 1 | .. | 2 | 2 |
| Total *cases* . . | 21 | 23 | 44 | 21 | 23 | 44 | 21 | 23 | 44 |
| Total *persons* . | 20 | 23 | 43 | 20 | 23 | 43 | 20 | 23 | 43 |
| Average of known cases (in months), | 2.59 | 3.70 | 3.17 | 4.29 | 5.97 | 5.17 | 6.82 | 9.65 | 8.31 |

## TABLE No. 15.

CASES RESULTING IN DEATH.—DURATION.

| Period. | Duration before Admission. | | | Hospital Residence. | | | Whole Duration from the Attack. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Male. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Under 1 mo. . | 1 | 3 | 4 | 1 | 1 | 2 | .. | .. | .. |
| Fr. 1 to 3 mo., | 1 | .. | 1 | 1 | .. | 1 | 2 | 1 | 3 |
| ,, 3 ,, 6 ,, | 1 | .. | 1 | .. | .. | .. | .. | .. | .. |
| ,, 6 ,, 12 ,, | .. | .. | .. | 2 | .. | 2 | .. | .. | .. |
| ,, 1 ,, 2 yrs., | 2 | 1 | 3 | 1 | 1 | 2 | 2 | .. | 2 |
| ,, 2 ,, 5 ,, | .. | 1 | 1 | .. | 1 | 1 | 1 | 1 | 2 |
| ,, 5 ,, 10 ,, | .. | 1 | 1 | .. | 1 | 1 | .. | 2 | 2 |
| ,, 30 ,, 35 ,, | .. | .. | .. | .. | 1 | 1 | .. | 1 | 1 |
| ,, 35 ,, 40 ,, | .. | .. | .. | .. | 1 | 1 | .. | 1 | 1 |
| Total . . . . | 5 | 6 | 11 | 5 | 6 | 11 | 5 | 6 | 11 |
| Average of known cases (in months), | 6.05 | 16.25 | 11.61 | 8.30 | 156.21 | 88.97 | 14.35 | 172.46 | 100.59 |

## TABLE No. 16.

CASES DISCHARGED BY RECOVERY OR DEATH.

| Form of Insanity. | Recoveries. | | | Deaths. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| Mania, acute . . . . | 10 | 6 | 16 | . . | 1 | 1 |
| Mania, chronic . . . | . . | . . | . . | . . | 3 | 3 |
| Melancholia, acute . . | 11 | 17 | 28 | 1 | . . | 1 |
| Delusional Insanity . | . . | . . | . . | . . | 2 | 2 |
| Senile Insanity . . . | . . | . . | . . | 2 | . . | 2 |
| General Paralysis . . | . . | . . | . . | 2 | . . | 2 |
| Total of *cases* . . . | 21 | 23 | 44 | 5 | 6 | 11 |
| Total of *persons* . . . | 20 | 23 | 43 | . . | . . | . . |

## TABLE No. 17.

CAUSES OF DEATH.

| Causes. | Males. | Females. | Total. |
|---|---|---|---|
| *Cerebral Disease.* | | | |
| General Paralysis . . . . . | 2 | . . | 2 |
| Exhaustion from Mania . . . . . | . . | 4 | 4 |
| Exhaustion from Melancholia . . . . . | 1 | . . | 1 |
| Exhaustion from Senile Insanity . . . . . | 2 | . . | 2 |
| *Other Causes.* | | | |
| Tuberculosis . . . . . | . . | 1 | |
| Cancer of Gall, Bladder, and Liver . . . . | . . | 1 | 1 |
| Totals . . . . . | 5 | 6 | 11 |

## TABLE No. 18.

RECOVERIES, CLASSIFIED BY RESULTS OF PREVIOUS ADMISSIONS.*

| Number of the Admission. | Recovered. | | | Much Improved. | | | Not Improved. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Second . . . . . | 2 | 3 | 5 | . . | . . | . . | . . | . . | . . | 2 | 3 | 5 |
| Third . . . . . | 1 | 1 | 2 | . . | . . | . . | 1 | . . | 1 | 2 | 1 | 3 |
| Fourth . . . . . | 1 | . . | 1 | . . | . . | . . | . . | . . | . . | 1 | . . | 1 |
| Twenty-fifth . . . | 1 | . . | 1 | . . | . . | . . | . . | . . | . . | 1 | . . | 1 |
| Twenty-sixth . . | 1 | . . | 1 | . . | . . | . . | . . | . . | . . | 1 | . . | 1 |
| Total of *cases* . . | 6 | 4 | 10 | . . | . . | . . | 1 | . . | 1 | 7 | 4 | 11 |
| Total of *persons* . | 5 | 4 | 9 | . . | . . | . . | 1 | . . | 1 | 6 | 4 | 10 |

*This classification is based upon the result of the admission next preceding the last, in each case respectively.

## TABLE No. 19.

DEATHS, CLASSIFIED BY DURATION OF INSANITY AND OF TREATMENT.

| Period. | Duration of Insanity. | | | Whole known period of Hospital Residence. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| Congenital . . . . | . . | . . | . . | . . | . . | . . |
| Under 1 month . . | . . | . . | . . | 1 | 1 | 2 |
| From 1 to 3 months | 1 | 1 | 2 | . . | . . | . . |
| ,, 3 ,, 6 ,, | . . | . . | . . | 1 | . . | 1 |
| ,, 6 ,, 12 ,, | 1 | . . | 1 | 2 | . . | 2 |
| ,, 1 ,, 2 years . | 2 | . . | 2 | 1 | 1 | 2 |
| ,, 2 ,, 5 ,, | 1 | 1 | 2 | . . | 1 | 1 |
| ,, 5 ,, 10 ,, | . . | 2 | 2 | . . | 1 | 1 |
| ,, 30 ,, 35 ,, | . . | 1 | 1 | . . | 1 | 1 |
| ,, 35 ,, 40 ,, | . . | 1 | 1 | . . | 1 | 1 |
| Total . . . . . | 5 | 6 | 11 | 5 | 6 | 11 |
| Average of known *cases* (in months) | 15.10 | 177.16 | 103.50 | 8.75 | 160.00 | 91.25 |

## TABLE No. 20.

AGES OF THOSE WHO DIED.

| Ages. | At time of the first Attack. | | | At time of Death. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| From 20 to 25 years, | 1 | 1 | 2 | . . | . . | . . |
| ,, 25 ,, 30 ,, | . . | 1 | 1 | . . | 1 | 1 |
| ,, 30 ,, 35 ,, | . . | 1 | 1 | . . | 1 | 1 |
| ,, 40 ,, 50 ,, | . . | 1 | 1 | . . | . . | . . |
| ,, 50 ,, 60 ,, | . . | 2 | 2 | 1 | 2 | 3 |
| ,, 60 ,, 70 ,, | 2 | . . | 2 | 2 | . . | 2 |
| ,, 70 ,, 80 ,, | 2 | . . | 2 | 2 | 2 | 4 |
| Total . . . . . | 5 | 6 | 11 | 5 | 6 | 11 |

## TABLE No. 21.

### TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE McLEAN ASYLUM.

FROM ITS OPENING, OCT. 6, 1818, TO DEC. 31, 1890, INCLUSIVE.

| Years. | Admitted. | Discharged. | Whole No. under care. | Died. | Much improved, etc. | Recov'd. | Remaining at end of year. | Average No. of Patients. |
|---|---|---|---|---|---|---|---|---|
| 1818-25 | 398 | 344 | 623 | 29 | 205 | 110 | 279 | ... |
| 1826 | 47 | 46 | 101 | 5 | 21 | 21 | 55 | ... |
| 1827 | 58 | 56 | 113 | 5 | 17 | 34 | 57 | ... |
| 1828 | 77 | 65 | 134 | 5 | 37 | 23 | 69 | ... |
| 1829 | 73 | 77 | 142 | 9 | 42 | 26 | 65 | ... |
| 1830 | 82 | 78 | 147 | 10 | 34 | 34 | 69 | ... |
| 1831 | 83 | 84 | 152 | 8 | 46 | 30 | 68 | ... |
| 1832 | 94 | 98 | 162 | 10 | 45 | 43 | 64 | ... |
| 1833 | 103 | 100 | 167 | 8 | 50 | 42 | 67 | ... |
| 1834 | 108 | 95 | 174 | 7 | 47 | 41 | 80 | ... |
| 1835 | 83 | 84 | 163 | 11 | 28 | 45 | 77 | ... |
| 1836 | 106 | 112 | 183 | 10 | 38 | 64 | 71 | ... |
| 1837 | 120 | 105 | 191 | 8 | 25 | 72 | 86 | 80 |
| 1838 | 138 | 131 | 224 | 12 | 45 | 74 | 93 | 95 |
| 1839 | 132 | 117 | 225 | 10 | 38 | 69 | 108 | 112 |
| 1840 | 155 | 138 | 263 | 13 | 50 | 75 | 125 | 128 |
| 1841 | 157 | 141 | 283 | 11 | 55 | 75 | 142 | 135 |
| 1842 | 129 | 138 | 271 | 15 | 43 | 80 | 133 | 143 |
| 1843 | 126 | 126 | 260 | 18 | 45 | 63 | 134 | 131 |
| 1844 | 158 | 140 | 292 | 20 | 52 | 68 | 152 | 146 |
| 1845 | 119 | 120 | 271 | 13 | 33 | 74 | 151 | 149 |
| 1846 | 148 | 126 | 299 | 9 | 52 | 65 | 173 | 164 |
| 1847 | 170 | 170 | 343 | 33 | 50 | 87 | 173 | 172 |
| 1848 | 143 | 155 | 316 | 23 | 50 | 82 | 155 | 171 |
| 1849 | 160 | 137 | 321 | 15 | 58 | 64 | 184 | 177 |
| 1850 | 173 | 157 | 357 | 28 | 51 | 78 | 200 | 201 |
| 1851 | 164 | 173 | 364 | 29 | 69 | 75 | 191 | 195 |
| 1852 | 145 | 135 | 336 | 15 | 48 | 72 | 201 | 200 |
| 1853 | 114 | 120 | 315 | 17 | 45 | 58 | 195 | 194 |
| 1854 | 120 | 120 | 315 | 16 | 45 | 59 | 195 | 195 |
| 1855 | 123 | 126 | 318 | 24 | 46 | 56 | 192 | 192 |
| 1856 | 149 | 145 | 341 | 19 | 58 | 68 | 196 | 195 |
| 1857 | 141 | 159 | 337 | 28 | 60 | 71 | 178 | 191 |
| 1858 | 155 | 147 | 333 | 25 | 50 | 72 | 186 | 187 |
| 1859 | 131 | 142 | 317 | 28 | 53 | 61 | 175 | 185 |
| 1860 | 121 | 109 | 296 | 24 | 46 | 39 | 187 | 185 |
| 1861 | 111 | 110 | 298 | 23 | 33 | 54 | 188 | 193 |
| 1862 | 82 | 94 | 270 | 18 | 37 | 39 | 176 | 190 |
| 1863 | 94 | 69 | 270 | 13 | 20 | 36 | 201 | 191 |
| 1864 | 101 | 107 | 302 | 27 | 38 | 42 | 195 | 200 |
| 1865 | 82 | 85 | 277 | 17 | 33 | 35 | 192 | 186 |
| 1866 | 103 | 98 | 295 | 29 | 23 | 46 | 197 | 197 |
| 1867 | 89 | 108 | 286 | 27 | 36 | 45 | 178 | 186 |
| 1868 | 92 | 94 | 270 | 23 | 37 | 34 | 176 | 166 |
| 1869 | 108 | 100 | 284 | 18 | 31 | 51 | 184 | 187 |
| 1870 | 79 | 85 | 263 | 12 | 40 | 33 | 178 | 187 |
| 1871 | 75 | 81 | 253 | 13 | 47 | 21 | 172 | 178 |
| 1872 | 93 | 101 | 265 | 23 | 63 | 15 | 164 | 173 |
| 1873 | 92 | 95 | 256 | 13 | 63 | 19 | 161 | 165 |
| 1874 | 75 | 88 | 236 | 10 | 58 | 20 | 148 | 159 |
| 1875 | 85 | 83 | 233 | 16 | 51 | 16 | 150 | 156 |
| 1876 | 92 | 74 | 242 | 20 | 36 | 18 | 168 | 160 |
| 1877 | 110 | 103 | 278 | 20 | 68 | 15 | 175 | 175 |
| 1878 | 63 | 84 | 238 | 12 | 66 | 6 | 154 | 168 |
| 1879 | 76 | 79 | 230 | 12 | 48 | 19 | 151 | 157 |
| 1880 | 51 | 48 | 202 | 6 | 30 | 12 | 154 | 152 |
| 1881 | 66 | 65 | 220 | 14 | 37 | 14 | 155 | 150 |
| 1882 | 82 | 70 | 237 | 8 | 36 | 26 | 167 | 156 |
| 1883 | 109 | 111 | 276 | 17 | 57 | 37 | 165 | 164 |
| 1884 | 113 | 103 | 278 | 17 | 52 | 34 | 175 | 166 |
| 1885 | 95 | 100 | 270 | 17 | 46 | 37 | 170 | 171 |
| 1886 | 93 | 96 | 263 | 14 | 46 | 36 | 167 | 169 |
| 1887 | 75 | 78 | 242 | 17 | 35 | 26 | 164 | 160 |
| 1888 | 105 | 103 | 269 | 23 | 37 | 43 | 166 | 164 |
| 1889 | 113 | 105 | 279 | 16 | 56 | 33 | 174 | 168 |
| 1890 | 123 | 113 | 297 | 11 | 58 | 44 | 184 | 173 |
| | 7,430 | 7,246 | | 1,076 | 3,095 | 3,075 | | |

## TABLE No. 22.

### TABLE SHOWING THE COST OF PRINCIPAL STORES AT McLEAN ASYLUM.

| Articles. | 1888. | | | 1889. | | | 1890. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. |
| Beef . . . . . lbs. | 79,352 | $9,714.96 | .1224 | 87,083 | $9,466.79 | .1080 | 76,613 | $8,545.25 | .1115 |
| Mutton and Lamb . . . . ,, | 27,980 | 2,761.69 | .0986 | 29,610 | 2,726.74 | .0920 | 27,802 | 2,817.36 | .10 |
| Veal . . . . . ,, | 14,842 | 1,578.40 | .1064 | 14,588 | 1,495.02 | .1024 | 12,983 | 1,317.05 | .1015 |
| Poultry . . . . . ,, | 16,868 | 2,827.85 | .167 | 18,357 | 3,154.15 | .171 | 21,137 | 3,436.46 | .162 |
| Ham, etc. . . . . ,, | 12,878 | 1,466.73 | .113 | 12,496 | 1,345.02 | .107 | 12,717 | 1,345.78 | .105 |
| Eggs . . . . . doz. | 10,832 | 2,352.07 | .217 | 11,267 | 2,436.84 | .216 | 12,278 | 2,666.49 | .217 |
| Lard . . . . . lbs. | 2,346 | 222.79 | .094 | 2,740 | 240.62 | .087 | 3,788 | 282.67 | .074 |
| Flour . . . . . bbls. | 551 | 2,832.16 | 5.14 | 500 | 2,961.23 | 5.92 | 543 | 2,918.84 | 5.375 |
| Butter . . . . . lbs. | 19,225 | 4,448.85 | .231 | 19,958 | 4,358.62 | .218 | 21,164 | 5,004.93 | .231 |
| Coffee . . . . . ,, | 3,333 | 812.52 | .243 | 3,410 | 856.73 | .251 | 3,536 | 900.14 | .254 |
| Tea . . . . . ,, | 1,274 | 383.51 | .301 | 1,282 | 360.38 | .280 | 1,377 | 335.00 | .243 |
| Sugar . . . . . ,, | 31,665 | 2,210.40 | .069 | 32,293 | 2,500.20 | .077 | 31,276 | 1,962.89 | .063 |
| Lights, Gas, etc. . . . . feet | ..... | 3,089.74 | ..... | ..... | 3,006.90 | ..... | ..... | 3,178.34 | ..... |
| Coal . . . . . tons | $1,375\frac{1870}{2000}$ | 8,856.03 | 6.436 | $1,249\frac{1630}{2000}$ | 7,335.82 | 5.873 | $1,113\frac{570}{2000}$ | 6,232.48 | 5.598 |
| Wood . . . . . cords | $10\frac{1}{2}$ | 73.50 | 7.50 | ..... | ..... | ..... | ..... | ..... | ..... |
| Ice . . . . . tons | $462\frac{300}{2000}$ | 1,062.94 | 2.30 | $473\frac{1800}{2000}$ | 1,673.47 | 3,532 | $409\frac{1700}{2000}$ | 2,102.10 | 5.128 |

# EIGHTH ANNUAL REPORT

OF THE

# McLEAN ASYLUM TRAINING SCHOOL FOR NURSES.

---

This is the eighth year since the formal organization of the Asylum Training School in 1882, and it represents the eleventh year from the beginning of the preparatory work. In its eight classes of graduates, five of women and three of men, the total product of the school in 1890 amounted to ninety-two nurses,— seventy-two women and twenty men. The number of pupils in the school at the end of the year is fifty-four,— thirty in the senior and junior classes of women, and seventeen in the two classes of men.

The general results of the year in the work of the nursing service have been satisfactory. There is growing evidence of the harmonious working of the school system,— the elements of novelty and experiment, that attend the earlier years of such an undertaking, are now quite gone, and the business of teaching and study has become assimilated in the habitual routine and does not seem like extra labor. The effect of training, as to what a nurse can learn to do in the way of intelligent observation of the mental states of patients, has been especially manifest this year in the written studies of individual cases that the nurses have been taught to make. The testimony to their patient, tactful, and sympathetic care of the sick, which should most be expected when conduct is animated by a clearly understood and well-ordered purpose, is enough of itself to make plain the duty of every hospital in this matter. The training of the men has given good results during the year in all the particulars of improvement in character, conduct, and the intelligent and sympathetic care of the sick. The evidences of this come largely from the spontaneous testimony of the patients themselves, from among the most trying and difficult cases concerning whose

kind and patient treatment every superintendent is always most anxious. Three of the men graduates of the school are now students of medicine, and ten or twelve others are engaged in private nursing. They are particularly successful, as they were in the Asylum itself, in the care of old people who are suffering in mind and body from the effects of senility. There are now, in Boston and vicinity, more male nurses employed in private cases than ever before. It is noteworthy, and in proof of the prediction heretofore made in these reports, that there is also a reduction of the charges of these nurses to more reasonable rates than the exorbitant ones of the less instructed men who have heretofore monopolized such service. This change causes more and steadier employment for these men and is better for them. The public demand for the women nurses has also increased during the year ; it is still increasing faster than the supply, as is shown by the increase in compensation they now commonly receive over that of two or three years ago. Two of our graduates have, during the year, taken positions in other hospitals as officers and teachers.

The Boston Training School at the Massachusetts General Hospital has our special thanks for the excellent service it renders in affording an additional year of practical experience in general nursing to some of our graduates. This has a helpful influence in perfecting the qualifications of those who become teachers, and who are to hold an important place in the great nursing-reform for the insane that is now well begun.

Such an institution has a larger duty than to furnish custodial care, and even than the remedial treatment of the patients that come to it. Its special mission is not only to relieve the most distressing of human suffering, but to promote in every way the cause of preventive medicine by advancement in the understanding of the nature and causes of the diseases treated in it ; to these ends the diffusion of knowledge of mental hygiene, through the training of many nurses, is no small part of its service to the public. The worthiness of this work establishes its claim to consideration in all the hospitals as promising the most desired results for a moderate outlay of labor and money. Good things cost something and are worth all they cost ; but fortunately this

new system can be so managed as to add but little to the expenses of the nursing service.

In the following pages are given the circular of information to applicants, the course of instruction, and a list of the graduates of the school from the beginning, showing how many remain in the service of the Asylum and what has become of those who have left it.

Very respectfully,

EDWARD COWLES,

*Medical Superintendent.*

---

## McLEAN ASYLUM TRAINING SCHOOL FOR NURSES.

The Trustees of the Massachusetts General Hospital, having established at the McLean Asylum for the Insane a school for nurses, offer to give to men and women desirous of becoming professional nurses a two years' course of training in general nursing, with special reference to the care of cases of nervous and mental disease.

Those wishing to receive such a course of instruction must apply to the Superintendent of the McLean Asylum, Somerville, Mass.

The most desirable age for candidates is from twenty-one to thirty-five years. *They must be in sound health, and must send with their application a certificate from a physician certifying to the fact; also, one from some responsible person as to their good character and good health.* Upon the recommendation of the Superintendent of the Asylum and the approval of the Trustees, they will be received for two months on probation, at the expiration of which time they will, if accepted, sign an agreement to complete the prescribed course of two years.

The Superintendent of Nurses has charge of the Training School, under the authority of the Superintendent of the Asylum and of the Board of Trustees; and the nurses are subject to the rules of the Asylum. Their fitness for the work and the propriety of retaining or dismissing them at the end of the two months of trial are determined by the authorities in charge of the School, under the direction of the Trustees;

and the same authorities can in like manner discharge them at any time in case of misconduct or inefficiency. They reside in the Asylum, and serve as assistant nurses in its wards.

All nurses are required to be intelligent, trustworthy, kind, and cheerful.

The instruction includes the general care of the sick ; the managing of helpless patients in bed, in moving, changing bed and body linen, making of beds, etc. ; giving baths, keeping patients warm or cool, preventing and dressing bed sores ; bandaging, applying of fomentations, poultices, and minor dressings; the preparing and serving of food, the feeding of helpless patients and those who refuse food ; the administering of enemas and use of the catheter ; attendance upon patients requiring diversion and companionship ; the observation of mental symptoms, delusions, hallucinations, delirium, stupor, etc., and the care of excited, violent, and suicidal patients.

They are also given instruction in the best practical methods of supplying fresh air, warming and ventilating sick-rooms in a proper manner, and are taught to take proper care of rooms and wards, in keeping all utensils perfectly clean and disinfected, etc. ; to observe the sick accurately in regard to the state of the secretions, pulse, breathing, skin, temperature, sleep, appetite, effect of diet, of stimulants, and medicine ; the giving of massage ; and the managing of convalescents.

Instructions will also be given in the modern methods of physical training, by the use of free movements and the usual apparatus, in a gymnasium provided for the patients. The nurses are taught the medical application of physical exercise. Each nurse is required to have a gymnasium costume : the material for the dress will be furnished, at moderate cost, by the Asylum.

The instruction is given by the Superintendent of the Training School, and by the Supervisors and Head Nurses. Lectures and demonstrations will be given at stated periods by the Asylum Medical Staff. Examinations, chiefly upon practical points, take place from time to time.

The pupils are employed as assistant nurses in the wards of the Asylum. Women will be paid twelve dollars ($12) per month during the first year, and fifteen dollars ($15) per

month during the second year, for their clothing and personal expenses. Their education during this time is considered as compensation for their services. Men will be paid twenty-three dollars ($23) per month during the first year, and twenty-five ($25) per month during the second year. These are the former rates not yet reduced to the Training-school system. Women graduates will be paid twenty-five dollars ($25) per month ; men graduates twenty-seven dollars ($27) and thirty dollars ($30) per month, according to length of service.

The men and women are required to wear at all times, while on duty in the wards, the asylum uniform.

When the full term of two years is completed, the nurses thus trained receive (after final examinations) diplomas certifying to their period of training, their proficiency and good character.

The right is reserved to terminate the connection of any nurse or pupil with the School, for any reason which may be deemed sufficient.

A female graduate of this School, who wishes to have additional practical experience and instruction in general nursing, has the privilege, under certain restrictions, of entering the Boston Training School for Nurses at the Massachusetts General Hospital. Such graduates will, after one year's satisfactory study, receive the diploma from that School, in addition to the diploma received from the McLean Asylum Training School.

*N. B.— This paper to be filled in (in the Candidate's own handwriting), and sent to the Superintendent of McLean Asylum, Somerville, Mass.*

## QUESTIONS TO BE ANSWERED BY CANDIDATE.

1. Name in full of Candidate . . . . . .
2. Are you single, widow, or widower? . . . . . .
3. Your present occupation or employment? . . . . . .
4. Age last birthday, and date and place of birth? . . . . . .
5. Height? . . . . . Weight? . . . . . .
6. In what school or schools educated, and in what place? . . . . . .
7. Are you strong and healthy, and have you always been so? . . . . . .
8. Are your sight and hearing perfect? . . . . . .
9. Have you any physical defects? . . . . . .
10. Have you any tendency to pulmonary complaint? . . . . . .
11. If a widow or widower, have you children? How many? Their ages? How are they provided for? . . . . . .
12. Are you otherwise free from domestic responsibility, so that you are not liable to be called away? . . . . . .
13. Where (if any) was your last situation, and how long were you in it? . . . . . .
14. Have you ever been in any Training School or employed in any hospital or asylum? If so, where and how long in each place? . . . . . .
15. The names in full and addresses of two persons, not of your own kindred, to be referred to. State how long each has known you. If previously employed, one of these must be the last employer.

    Name . . . . . .
    Address . . . . . .
    has known me years.

    Name . . . . . .
    Address . . . . . .
    has known me years.

*Having read, and clearly understanding and agreeing to the foregoing conditions and regulations, I declare the above statement to be correct.*

*Signed* . . . . . .
Candidate.

*Present Address* . . . . . .

*Nearest Telegraph Office* . . . . . .

*Date* . . . . . 189 . . . . . .

## COURSE OF INSTRUCTION.

### JUNIOR YEAR.

A Manual for Hospital Nurses . . . . . *Domville*
Physiology and Hygiene (to the Nervous System) . *Hutchison*
Notes on Fever Nursing . . . . . *Allan*
A Text-book of Nursing . . . . . *Weeks*
What to do first in Emergencies . . . . . *Dulles*
Accidental Injuries . . . . . *Cantlie*
Practical instruction in massage (twelve lessons).
Physical training (thirty lessons).
Instruction in the wards by the Supervisor and Superintendent of Nurses.
A Lecture each week, First Assistant Physician.

### SENIOR YEAR.

Physiology and Hygiene (completed) . . . . . *Hutchison*
A Text-book of Nursing (completed) . . . . . *Weeks*
A Short Manual for Monthly Nurses . . . . . *Cullniworth*
Notes on Surgery for Nurses . . . . . *Bell*
Hand-book for Hospitals (selections),
*State Charities Aid Association, N. Y.*
How to care for the Insane . . . . . *Granger*
Hand-book for the Instruction of Attendants on the Insane,
*Sub-Com. British Med.-Psych. Association.*
Practical instruction in cooking (six lessons).
Physical training (thirty lessons).
Instruction in the wards by the Supervisor and Superintendent of Nurses.
A Lecture each week, Superintendent.

### ORDER OF EXERCISES, 1890–1891.

#### WOMEN.

Monday.

4.15 P. M. Senior Class, Lecture . . . . . Dr. COWLES
7.00 P. M. Junior Class, Recitation . . . . Miss LEACH
8.00 P. M. Junior Class (1st. Div.), Massage, Miss WOODWARD
8.00 P. M. Junior Class (2d Div.), Massage . Mrs. PIERCE

Tuesday.

2.00 P. M. Junior Class (4th Div.), Massage . Mrs. PIERCE
4.15 P. M. Senior Class, Recitation . . . Miss WOODWARD

Thursday.

11.00 A. M. Graduates, Review, etc. . . . Miss WOODWARD
2.00 P. M. Senior Class (1st or 2d Div.), Cooking . . . . . Miss MAYNARD

Thursday.

4.15 P. M. Junior Class, Lecture . . . . . Dr. TUTTLE
7.30 P. M. Junior Class, Instruction in Physical Training . . . . . Miss MOBERG

Friday.

11.00 A. M. Junior Class (3d Div.), Massage, Miss WOODWARD
4.15 P. M. Junior Class (1st and 2d Div., on alternate weeks from Feb. 1), Care of Sick Patients in Bed, Poulticing, etc. . . . . Miss LEACH

Saturday.

11.00 A. M. Senior Class, Instruction in Physical Training . . . . . Miss MOBERG
11.00 A. M. Junior Class (1st Div.),
7.00 P. M. Junior Class (2d Div.), on alternate weeks, from Feb. 2, Bandaging . . . . . Miss BOURKE

MEN.

Monday.

4.15 P. M. Junior Class, Recitation, . . . . Dr. BABCOCK
7.00 P. M. Senior Class (2d Div., from Feb. 9), Massage . . . . . Dr. TUTTLE

Tuesday.

4.15 P. M. Senior Class, Lecture . . . . . Dr. COWLE

Wednesday.

4.15 P. M, Junior Class, Lecture . . . . . Dr. TUTTLE

Thursday.

11.00 A. M. Junior Class (1st Div.),
4.00 P. M. Junior Class (2d Div.), on alternate weeks, from Feb. 12, Bandaging, . . . . . Dr. BABCOCK
2.00 P. M. Senior Class (1st or 2d Div.), Cooking . . . . . Miss MAYNARD

Friday.

11.00 A. M. Junior Class (1st Div.),
4.00 P. M. Junior Class (2d Div.), on alternate weeks, from Feb. 6, Care of Sick Patients in Bed, Poulticing, etc. . . . . Mr. OBER
4.15 P. M. Senior Class, Recitation, . . . . Dr. BABCOCK
7.00 P. M. Senior Class (1st Div., from Feb. 13), Massage . . . . . Dr. BABCOCK

# LIST OF GRADUATES.

| *Name.* | *Graduated.* | | *Residence.* |
|---|---|---|---|
| Miss Margaret A. Elliot, | 1886, | Now Mrs. Pierce, Head Nurse, McLean Asylum, | Somerville, Mass. |
| Abbie M. Ferguson, | ,, | Private Nurse, | Malden, Mass. |
| Mrs. Lucy J. Moses, | ,, | Private Nurse, | Boston, Mass. |
| Miss Emily L. Norris, | ,, | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Jane Robertson, | ,, | Private Nurse, | Boston, Mass. |
| Agnes A. Stevens, | ,, | Now Mrs. Bastian, | Pennsylvania. |
| Ida M. Spear, | ,, | Now Mrs. Hastings, | Haverhill, Mass. |
| Ella M. Allen, | ,, | Oberlin College, Ohio, | Oberlin, Ohio. |
| Flora M. Knowlton, | ,, | Private Nurse, | Boston, Mass. |
| Lucella B. Libby, | ,, | Private Nurse, | Boston, Mass. |
| Rachel C. Tuttle, | ,, | Now Mrs. Angevine, | Salem, Oregon. |
| Lucinda L. Lovell, | ,, | Private Nurse, | Boston, Mass. |
| Rachel Bourke, | ,, | Sup't of Nurses, Cooper Hosp'l, | Camden, N. J. |
| Marion A. McDonald, | ,, | Private Nurse, | Fitchburg, Mass. |
| Mina R. Steadman, | ,, | Now Mrs. Clarke, | Saxton's River, Vt. |
| Clara J. Dickerman, | 1887, | Matron, Buffalo Asylum, | Buffalo, N. Y. |
| Kate Mackintosh, | ,, | Private Nurse, | Boston, Mass. |
| May E. Steadman, | ,, | Now Mrs. Ellis, | California. |
| Annie L. Pearson, | ,, | Private Nurse, | Boston, Mass. |
| Annie W. Hurlbutt, | ,, | At home, | Boxford, Mass. |
| Maud H. Cummings, | ,, | Private Nurse, | Boston, Mass. |
| Flora B. Rowe, | ,, | Sup't of Nurses, Friends Asylum, | Philadelphia. Pa. |
| Carrie C. Willey, | ,, | Private Nurse, | Boston, Mass. |
| Julia M. Belden, | ,, | Private Nurse, | Boston, Mass. |
| Nettie U. Houghton, | 1888, | Private Nurse, | Boston, Mass. |
| Kate Scribner, | ,, | Now Mrs. Ryder, | Corinth, Vt. |
| Mary J. Webster, | ,, | Now Mrs. Buck, Private Nurse, | Boston, Mass. |
| Alice A. Eddy, | ,, | Private Nurse, | Boston, Mass. |
| Carrie D. Taggart, | ,, | Nurse, McLean Asylum, | Somerville, Mass. |
| Annie M. Delano, | ,, | Now Mrs. Marsh, | Dexter, Me. |
| Mary F. Knight, | ,, | At home, | Cambridge, Mass. |
| Minnie Foster, | ,, | Private Nurse, | Boston, Mass. |
| Isabella J. McDonald, | ,, | Deceased. | |
| Clara M. Parsons, | ,, | Private Nurse, | Boston, Mass. |
| Louisa Patten, | ,, | Private Nurse, | Canada. |
| Ella E. Johnston, | ,, | Private Nurse, | Boston, Mass. |
| Annie M. Reilly, | ,, | Private Nurse, | Boston, Mass. |
| Alice P. Goodhue, | ,, | At home, | Vermont. |
| Annie M. Redman, | ,, | Private Nurse, | Newton, Mass. |
| Annie Tuttle, | ,, | At home, | Nova Scotia. |
| Mr. Byron Atwood, | ,, | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Henry B. Northrop, | ,, | Private Nurse, | Boston, Mass. |
| George B. Ober, | ,, | Supervisor, McLean Asylum, | Somerville, Mass. |
| Frank S. Livingston, | ,, | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Miss Rose E. Rockwood, | 1889, | Private Nurse, | Keene, N. H. |
| Mary A. Eaton, | ,, | Now Mrs. Chandler, | Boston, Mass. |
| Susan J. Peppard | ,, | Private Nurse, | Boston, Mass. |
| Minnie J. Goodwin, | ,, | Private Nurse, | Boston, Mass. |
| Theresa G. Leach, | ,, | Supervisor, McLean Asylum, | Somerville, Mass. |
| Mertie M. Jones, | ,, | Private Nurse, | Boston, Mass. |
| Helena M. Haynes, | ,, | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Rebecka H. Cleland, | ,, | Private Nurse, | Nantucket, Mass. |

| *Name.* | *Graduated.* | | *Residence.* |
|---|---|---|---|
| Miss Ada M. Ryan, | 1889, | Night Superv,, McLean Asylum, | Somerville, Mass. |
| Attie V. Marriner, | ,, | Now Mrs. Wilson, | Somerville, Mass. |
| Charlotte Strum, | ,, | At home, | Canada. |
| Annie L. Reece, | ,, | Private Nurse, | Boston, Mass. |
| Grace B. Beattie, | ,, | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Emma E. Condon, | ,, | Now Mrs. L. T. Triboa, | Belfast, Me. |
| Mr. Robert E. Creelman, | ,, | Private Nurse, | New York City. |
| John W. Dewis, | ,, | Medical Student, | New York City. |
| Oscar M. Chandler, | ,, | Private Nurse, | Boston, Mass. |
| Wm. H. Montgomery, | ,, | Clerk, | Boston, Mass. |
| Charles E. Ludwig, | ,, | Nurse, McLean Asylum, | Somerville, Mass. |
| William C. Hawes, | ,, | Private Nurse, | Boston, Mass. |
| Miss Emily J. MacDonnell, | 1890, | Nurse, Johns Hopkins Hospital, | Baltimore, Md. |
| Abbie F. Davis, | ,, | Private Nurse, | Boston, Mass. |
| Myra E. Redington, | ,, | Sup't of Nurses, Dr. Channings, | Brookline, Mass. |
| Lillian J. T. Sills, | ,, | Nurse, Johns Hopkins Hospital, | Baltimore, Md. |
| Emma S. Sanford, | ,, | At home, | Nova Scotia. |
| Katharine Guion, | ,, | Nurse, Mass. General Hospital, | Boston, Mass. |
| Mary G. Weeks, | ,, | At home, | Gorham, Me. |
| Alice K. Howard, | ,, | Nurse, McLean Asylum, | Somerville, Mass. |
| Clara M. Mosher, | ,, | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Mabel L. Clark, | ,, | At home, | Nova Scotia. |
| Cassie F. McKenney, | ,, | Nurse, McLean Asylum, | Somerville, Mass. |
| Elizabeth McPartland, | ,, | Nurse, McLean Asylum, | Somerville, Mass. |
| Emma M. Smith, | ,, | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Eliza P. Crosby, | ,, | Nurse, McLean Asylum, | Somerville, Mass. |
| Sarah E. Leland, | ,, | Head Nurse, Mclean Asylum, | Somerville, Mass. |
| Charlotte M. Perry, | ,, | Nurse, McLean Asylum, | Somerville, Mass. |
| Mr. George E. Jones, | ,, | Private Nurse, | Boston, Mass. |
| John A. Johnson, | ,, | Private Nurse, | Kansas City, Mo. |
| John N. Crown, | ,, | Private Nurse, | Concord, Mass. |
| Jeremiah T. Bethell, | ,, | At home, | Nova Scotia. |
| Charles E. Follansbee, | ,, | Private Nurse, | Boston, Mass. |
| Thomas L. Jennings, | ,, | Private Nurse, | Boston, Mass. |
| Joseph F. MacDonald, | ,, | Private Nurse, | Boston, Mass. |
| Benjamin D. Weeks, | ,, | Private Nurse, | Boston, Mass. |
| David A. Bolton, | ,, | Nurse, McLean Asylum, | Somerville, Mass. |
| Joseph Frame, | ,, | Medical Student, | New York City. |
| Willard L. Parker, | ,, | Mass. General Hospital, | Boston, Mass. |
| Myrton B. Raynes, | ,, | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Grant W. Pierce, | ,, | Head Nurse, McLean Asylum, | Somerville, Mass. |
| Daniel McDonald, | ,, | Medical Student, | Baltimore, Md. |

# OFFICERS OF THE INSTITUTION

## 1891.

---

*President.*

CHARLES H. DALTON.

*Vice-President.*

JOHN LOWELL.

*Treasurer.*

FRANKLIN HAVEN, JR., 28 STATE STREET.

*Secretary.*

THOMAS B. HALL, 75 STATE STREET.

*Trustees.*

SAMUEL ELIOT, *Chairman*, 44 Brimmer Street.
* FREDERICK L. AMES, 47 Equitable Building.
* CHARLES V. BEMIS, Medford, Mass.
E. FRANCIS BOWDITCH, Framingham, Mass.
EDMUND DWIGHT, 50 State Street.
WILLIAM ENDICOTT, Jr., 32 Beacon Street.
* DAVID P. KIMBALL, 35 Congress Street.
THORNTON K. LOTHROP, 8 Congress Street.
* THOMAS E. PROCTOR, 127 South Street.
NATHANIEL THAYER, 50 State Street.
DAVID R. WHITNEY, 85 Devonshire Street.
ROGER WOLCOTT, 53 Tremont Street.

*Board of Consultation.*

HENRY I. BOWDITCH, M. D.
ALGERNON COOLIDGE, M. D.
D. H. STORER, M. D.
FRANCIS MINOT, M. D.
MORRILL WYMAN, M. D.
GEORGE C. SHATTUCK, M. D.
RICHARD M. HODGES, M. D.
SAMUEL L. ABBOT, M. D.

* Appointed by the Governor of the Commonwealth.

# MASSACHUSETTS

# GENERAL HOSPITAL.

---

## BY-LAWS OF THE CORPORATION

AND

## RULES OF THE TRUSTEES.

---

REVISED 1890.

---

BOSTON:
THE BARTA PRESS, 148 HIGH STREET.
1890.

# MASSACHUSETTS

# GENERAL HOSPITAL.

---

## BY-LAWS OF THE CORPORATION

AND

## RULES OF THE TRUSTEES

---

REVISED 1890.

---

BOSTON:
THE BARTA PRESS, 148 HIGH STREET.
1890.

# CONTENTS.


PAGE

BY-LAWS OF THE CORPORATION . . . . . 5

RULES OF THE TRUSTEES.

CHAP. I. Meetings and Committees of Trustees, and Election of Officers . . . . . 9

„ II. Visiting Committee . . . . . 12

„ III. Resident Physician of the Hospital . . . . . 12

„ IV. Visiting Physicians and Surgeons . . . . . 16

„ V. Physicians and Surgeons to Out-Patients, and other Professional Officers . . . . . 19

„ VI. Superintendent of the Asylum . . . . . 20

„ VII. House Pupils, Externes, and Out-Patient Assistants of the Hospital . . . . . 22

„ VIII. Other Officers of the Hospital . . . . . 25

„ IX. Officers of the Asylum . . . . . 26

„ X. Patients . . . . . 27

„ XI. Treadwell Library . . . . . 30

„ XII. Warren Prize . . . . . 31

# BY-LAWS OF THE CORPORATION.

ARTICLE 1. The Corporation shall consist of all persons who have been or may be Trustees ; of all who, at any legal meeting of the Corporation, are elected members by ballot; and of all who have given one hundred dollars and upwards, or the equivalent, to the Hospital or Asylum, or to the funds of the Corporation.

ART. 2. The annual meeting of the Corporation shall be held on the first Wednesday of February in every year, when the following officers shall be chosen by ballot, viz.; a President, a Vice-President, eight Trustees, a Treasurer, and a Secretary, to serve one year, and until others shall be chosen. Of this meeting notice shall be given by the Secretary in one or more newspapers printed in Boston, at least a week previous to the appointed day.

ART. 3. The President, and in his absence, the Vice-President, shall preside at all meetings which he may attend, and shall have power to order special meetings, the Secretary giving at least three days' notice in one or more newspapers printed in Boston.

ART. 4. The eight Trustees elected by the Corporation, together with four others appointed by the Governor of Massachusetts with the advice and con-

sent of the Council, shall constitute a board for the immediate management of the institution. They shall meet at least as often as once a month, at such time and place as they shall by vote determine, or as their chairman shall direct; and all questions before them shall be determined by a majority of the Trustees present and voting thereon; but the consent of a majority of the Board shall be required for contracts exceeding five thousand dollars, or for the sale or conveyance of any real estate owned by the Corporation. They shall have power to fill any vacancy that may occur between the annual meetings of the Corporation in the office of Treasurer or Secretary, and in that portion of their own number chosen by the Corporation; to appoint physicians, surgeons, officers, assistants, and servants, with such salaries and wages as they may determine; to make rules for the government of said physicians, surgeons, officers, assistants, and servants, and for the admission of patients, and the management of all departments, the said rules being subject to amendment by the Corporation at their annual meeting, or any legal meeting specially called for that purpose. They shall cause a record of all their doings to be kept, and laid before the Corporation at every meeting thereof; and at every annual meeting they shall make a written report on the Treasurer's accounts, and on the general state of the institution; and for this purpose they shall, at some previous meeting, appoint a committee of the Board.

ART. 5. The Treasurer shall give bonds with sureties, to be approved by the Trustees' Committee on Finance, in a sum not less than $20,000, for the faithful discharge of his duties. He shall have the custody of money, bonds, notes, deeds, and other property belonging to the Corporation, which he shall hold and manage under the control of the Board of Trustees, or their Committee on Finance. He shall pay no money but by order of the Trustees, or of their committees duly authorized to draw on him, or for the regular salaries of the officers. On the payment, when due, of any debt secured by mortgage, the Treasurer is authorized to acknowledge satisfaction thereof, and to discharge the same on the margin of the record. He shall render an account of the state of his books, and of the property in his custody, when called for by the Trustees or Corporation; and he shall make up the accounts to the last day of December in each year, and lay them before the Corporation at the annual meeting. He shall keep a separate account of all receipts and expenditures on account of each of the funds subject to special provisions; and all unexpended balances of such accounts at the close of the year shall be carried to the debit of the accounts for the succeeding year. He shall allow such rates of board on account of any beneficiaries of the several trust funds as the Trustees have ordered to be charged to him. He shall keep a book in which shall be entered such extracts from all wills devising or bequeathing property as affect the institution.

ART. 6. The Secretary shall notify and attend all meetings of the Corporation and of the Board of Trustees, and shall keep a distinct record of the doings of each body. He shall also audit the accounts of the departments. He shall be sworn to the faithful performance of his duties.

ART. 7. The departments under the Corporation shall be called "The Hospital" and "The McLean Asylum;" into which shall be admitted all such sick injured, and insane persons as the Board of Trustees, or their authorized committees, shall from time to time determine to be fit subjects for treatment.

# RULES OF THE TRUSTEES.

## CHAPTER I.

### MEETINGS AND COMMITTEES OF TRUSTEES, AND ELECTION OF OFFICERS.

ARTICLE 1. The Board of Trustees shall annually, at their first meeting after the annual meeting of the Corporation, appoint a Chairman and the following Standing Committees, viz.: —

A Visiting Committee of two Trustees for each month, and so composed that every Trustee shall serve for two months.

A Committee on admitting Asylum patients, who shall admit patients to the Asylum; fix their rates of board, subject to the approval of the Trustees; supervise all papers and bonds relating to them, and report to the Trustees annually.

A Committee on Finance, who shall advise the Treasurer as to the mode of keeping his books and accounts, the investment of money, and the management of all money, bonds, notes, deeds, and other property belonging to the Corporation.

A Committee on Accounts and Expenditures, who shall have control over all expenditures except such as may be in charge of other Committees; provide for

the purchase of all supplies, and fix the salaries and wages of all officers and servants not directly appointed by the Trustees. They shall approve all drafts on the Treasurer, examine the accounts of each department quarterly, or oftener, and, with the assistance of the Secretary, audit and certify to the correctness of the quarterly and yearly financial statements of the Trustees.

A Committee on Nominations, who shall receive and report upon all nominations to office.

A Committee on Buildings and Repairs, who shall superintend all building and repairs. Whenever the cost of such works shall not exceed one hundred dollars, the Committee shall have full power; in other cases, the consent of the Trustees shall be obtained.

A Committee on New Asylum Grounds and Buildings, who shall have charge of the Waverly estate and improvements thereon.

A Committee on Free Beds, who shall call on subscribers to renew their annual subscriptions, solicit new subscriptions, and report to the Treasurer.

A Committee on the General Library and the Warren Fund, who shall have charge of the Library, and expend the income of the Warren Fund in accordance with the directions of the donor.

A Committee on the Book of Donations, who shall enter in the same all donations during the year; and from time to time examine the Book of Bequests to the Hospital, kept by the Treasurer of the Corporation.

ART. 2. At said meeting the Trustees shall elect by ballot not more than ten practitioners in Physic or Surgery to constitute a Board of Consultation, a Resident Physician of the Hospital, six Visiting Physicians, six Visiting Surgeons, six Physicians and four Surgeons to out-patients, a Physician to out-patients with diseases of the skin, a Physician to out patients with diseases of the nervous system, two Physicians to out-patients with diseases of the throat, an Ophthalmic Surgeon to out-patients, an Aural Surgeon, a Chemist, a Pathologist, an Artist, and a Superintendent of the Asylum; all of whom shall hold their offices during the pleasure of the Trustees, and until others shall have been chosen. No person shall be eligible as Visiting Physician after attaining the age of sixty-five, or as Visiting Surgeon after attaining the age of sixty-three.

ART. 3. At said meeting, or whenever in their opinion it is expedient, the Trustees may appoint any other Committees and officers, with such duties as they may prescribe.

ART. 4. There shall be a quarterly meeting of the Board of Trustees at the Hospital on the Fridays preceding the third Wednesdays of January, April, July, and October; and again, at the Asylum, on the Fridays following the said Wednesdays; and at these meetings all reports, accounts, and minutes relative to the Hospital or the Asylum shall be laid before the Board.

## CHAPTER II.

### VISITING COMMITTEE.

ARTICLE 1. The Visiting Committee shall meet at least once in every week, both at the Hospital and at the Asylum; and if either of the members is unable to attend, he may procure some other Trustee or officer of the Corporation to take his place. They shall visit the wards weekly, and other parts of the houses as often as they may think desirable. They shall, at each weekly visit, receive from the Resident Physician, or Superintendent, a list of the patients, and shall see or obtain an account of each of them.

ART. 2. The Visiting Committee shall keep a book of minutes, both at the Hospital and at the Asylum, common to all the committees in succession, in which shall be entered, at each weekly visit, a record of patients admitted, discharged, or deceased, and any further statement deemed proper. These books shall be laid before the Trustees at their quarterly meetings.

---

## CHAPTER III.

### RESIDENT PHYSICIAN OF THE HOSPITAL.

ARTICLE 1. The Resident Physician shall give his professional services wholly to the Hospital.

ART. 2. He shall reside in the house, and have the immediate superintendence of the medical and surgical departments, except as to the treatment of patients.

ART. 3. He shall have power to nominate an Apothecary, a Superintendent of Nurses, and a Matron, to be confirmed by the Trustees, and to appoint other officers, nurses, attendants, and servants, all of whom shall be under his direction.

ART 4. He shall have control of the House Pupils, Externes, and Out-Patient Assistants, and see that they comply with the orders of the Visiting Physicians and Surgeons in the treatment of patients.

ART. 5. He shall purchase, or direct the purchase of furniture, provisions, medicines, surgical instruments, and other supplies and materials. He shall collect all dues from patients, and shall keep an account of all his receipts and expenditures, which, with vouchers, shall be presented for approval to the Committee on Accounts and Expenditures quarterly, or oftener if required by the Committee. Before each quarterly meeting of the Trustees at the Hospital, he shall give the Treasurer a statement of all money received or disbursed by him in behalf of the Hospital for the previous quarter, together with a certificate that the same has been examined and audited by said Committee and the Secretary ; and annually, in the month of January, he shall make a similar statement for the previous year. For any money that he may require for the use of the house, he shall draw his draft on the Treasurer.

ART. 6. He shall admit patients to the Hospital, and assign them to their several wards. He shall decide the rate to be charged for board, or if any

free beds are unoccupied, he may grant admission to one of them. He shall keep a record of the name, age, birthplace, residence, and disease of every applicant, and if admitted, the date, and on what terms, the date of discharge, and in what condition, or the date of decease; and this record in a tabular form, with a tabular summary for each quarter, shall be open to the Trustees and the Visiting Physicians and Surgeons.

ART. 7. He shall report to the Visiting Physicians and Surgeons the names of all paying patients whose time has expired, and of all free patients who have been treated more than three weeks, and shall submit the same weekly to the Visiting Committee; and at every quarterly meeting of the Trustees at the Hospital, he shall lay before them a list of all patients who have been in the house over three months.

ART. 8. He shall, in the absence of the Visiting Physicians and Surgeons, decide upon the case of any admitted patient, suspected of being affected with small-pox or other contagious disease, and at once remove such patient from the ward, or discharge him from the Hospital; and whenever patients misbehave, or violate any rules of the house, he may remove or discharge them; but he shall report such cases to the Visiting Committee at their next visit.

ART. 9. He shall prepare an order-book for each ward, in which shall be entered all orders for food and articles required in the wards for the use of either patients or nurses; and, when diet is ordered, the orders

shall designate whether it is to be added to the ordinary diet or given as a substitute therefor, and also the time for which the order runs, but not for more than one week in advance; such order shall also be noted on a card at the patient's head.

ART. 10. He shall, upon the death of a patient, immediately give written notice to the family or friends, requesting them to make arrangements respecting the body; and the body shall be in his custody until delivered to the family or friends, or to an undertaker, to be interred. No body shall be removed until twenty-four hours after death, except at the express request of the relatives. He shall keep a press copy of notices to relatives and friends of deceased patients, and of all official correspondence. He shall also make a return of each death in the Hospital to the City Registrar.

ART. 11. He shall see that no autopsy is made within twelve hours after notice of death has been sent, unless with the express consent of the family or friends of the deceased, nor at any time when it shall have been expressly prohibited by the patient, or by the family or friends. He shall enter every autopsy in the Post-mortem Register, giving the name of the deceased, the date of death, notice, and examination, whether the consent of friends was obtained or not, and by whom the autopsy was made. Each entry shall be examined and signed by the Visiting Committee, and the book shall be laid before the Trustees at their meetings at the Hospital.

ART. 12. He shall report in writing to the Trustees, at each of their quarterly meetings at the Hospital, the condition of the medical and surgical departments during the preceding quarter. This report shall exhibit the number of applications for admission, the sex and birthplace of the applicants, the number refused, the number of paying and of free patients admitted, the number discharged, and the number present. At the quarterly meeting in January he shall make an annual report, covering the preceding year. He shall have charge of the General Library, and shall annually report to the Library Committee its condition, the number of volumes received, and if any have been lost or injured, the names and titles thereof.

ART. 13. He shall have a vacation every year, upon application to the Chairman of the Board of Trustees; and so far as he may find it practicable, he shall allow a yearly vacation of two weeks to each of the resident officers and employees of the Hospital.

---

## CHAPTER IV.

### VISITING PHYSICIANS AND SURGEONS.

ARTICLE 1. Two Physicians and two Surgeons shall be on duty at a time, during terms of four months. Each shall have the exclusive control and care of the patients assigned to him; each shall render

to the other such assistance as may be desired, and if either is prevented from visiting, he shall call upon his associate or one of the other Physicians or Surgeons of the Hospital.

ART. 2. The Visiting Physicians and Surgeons shall cause the Resident Physician to be informed, from day to day, of patients no longer requiring treatment, and shall report in writing every week those to be discharged or retained after the expiration of their time.

ART. 3. They shall keep a case-book in both the medical and surgical departments, in which shall be recorded by them, or by the House Pupils under their direction, the name, date of admission, and disease of each patient under their care, and the result of treatment, together with all important facts in the history of the case. As often as may be deemed advisable, with the consent of the Trustees, a summary or index to the principal points in the case-books shall be prepared by some suitable person.

ART. 4. They shall nominate to the Board of Trustees, in the manner hereinafter prescribed, a list of applicants suitable for appointment as Externes and House Pupils.

ART. 5. The Operating Theatre and adjoining rooms shall be reserved for the use of the Visiting Surgeons daily (except on Sundays), from 11 A. M. till their operations are over. No operations shall be performed on Sunday, without special order from the Resident Physician, to be reported by him to the

Trustees, at their next ensuing meeting. The surgical instruments given to the Bradlee Ward shall be used only in that Ward and its Theatre.

ART. 6. Physicians and Surgeons not in attendance shall not have patients in the Hospital without the consent of the Visiting Physicians and Surgeons, and of the Resident Physician, nor shall they have more than one patient in Ward B, and one in other wards, at the same time.

ART. 7. Physicians and Surgeons of regular standing may visit the Hospital on making themselves known to the Visiting Physicians or Surgeons, or to the Resident Physician; but they are not to examine the patients or make observations upon their treatment, or attend operations except by permission of one of the Visiting Physicians or Surgeons.

Students of medicine may be admitted to view the clinical practice of the Hospital by the written permission of one of the Visiting Physicians or Surgeons, or of the Resident Physician; but female students, if admitted, shall be placed in classes separate from male students, and shall attend the clinical practice of the female wards exclusively.

ART. 8. All professional services in the Hospital shall be gratuitous, and any physician or surgeon accepting an appointment upon the staff shall thereby waive all claim for compensation in money, and perform his duty as a charity to the sick and disabled patients under his care, and for the advancement of medical and surgical science.

## CHAPTER V.

### PHYSICIANS AND SURGEONS TO OUT-PATIENTS, AND OTHER PROFESSIONAL OFFICERS.

ARTICLE 1. The Physicians and Surgeons to out-patients shall arrange among themselves to treat daily such sick and disabled persons among the poor as shall apply at the Hospital.

ART. 2. Any one of them requiring an Assistant shall apply to the Trustees for the appointment of such from a list of candidates nominated by the Visiting Physicians and Surgeons, to hold office until the first meeting of the Trustees after the annual meeting of the Corporation, and not to be reappointed for more than two years successively, except by unanimous vote of the Trustees.

ART. 3. They shall, at each quarterly meeting of the Trustees at the Hospital, present a classified report upon the applicants for relief during the preceding quarter; and annually, in the month of January, they shall make a similar report for the previous year.

ART. 4. The Chemist shall make such chemical examinations as may be desired by the Physicians or Surgeons.

ART. 5. The Pathologist shall make autopsies and microscopical examinations, and shall preserve morbid specimens in the Pathological Cabinet.

ART. 6. The Artist shall make drawings of such cases of disease as may be useful for future reference.

These drawings shall be preserved in the Pathological Cabinet under the care of the Pathologist.

---

## CHAPTER VI.

### SUPERINTENDENT OF THE ASYLUM.

ARTICLE 1. The Superintendent shall give his professional services wholly to the Asylum.

ART. 2. He shall reside in the house, and have the immediate charge of all the departments, and the sole direction of the treatment of patients.

ART. 3. He shall have power to nominate two Assistant Physicians, a Pathologist, two House Pupils, an Apothecary, a Superintendent of Nurses, and two Supervisors, to be confirmed by the Trustees; and to appoint other officers, nurses, attendants, and servants, all of whom shall be under his direction.

ART. 4. He shall purchase, or direct the purchase of furniture, provisions, medicines, surgical instruments, and other supplies and materials. He shall collect all dues from patients, and shall charge to the Treasurer such rates of board, on account of beneficiaries of special trust funds, as the Trustees may order. He shall keep an account of all his receipts and expenditures, which, with vouchers, shall be presented for approval to the Committee on Accounts and Expenditures quarterly, or oftener if required by the Committee. Before each quarterly meeting of the Trustees at the Asylum, he shall give the Treasurer a

statement of all money received or disbursed by him on behalf of the Asylum for the previous quarter, together with a certificate that the same has been examined and audited by the said Committee and the Secretary; and annually, in the month of January, he shall make a similar statement for the previous year. For any money that he may require for the use of the house, he shall draw his draft on the Treasurer.

ART. 5. He shall keep a record of the name, age, and residence of each patient, with the rate of board, and the securities therefor; the time when received, discharged, or deceased, and, in case of discharge, the physical and mental condition. He shall keep a record of every important fact in the history of each patient, open only to the medical officers and the Trustees. He shall also record, from day to day, every case of restraint and confinement, specifying the name of the patient, the kind of restraint or confinement, when and how long applied, for what reason, and by whose authority; and this shall be examined and signed weekly by the Visiting Committees. He shall also record a minute account of any casualty attending the elopement or death of any patient, to be shown to the Visiting Committee at their first visit after the occurrence, and thereafter laid before the Trustees.

ART. 6. He shall, upon the death of a patient, immediately inform the friends and give the notice required by law to the proper officer. Of this and all other official correspondence, he shall keep a press

copy. He shall cause the body to be kept until applied for by the friends, or, after a reasonable time, he shall deliver it to an undertaker to be interred. In case of any violent death, he shall cause a Medical Examiner to be summoned.

ART. 7. He shall report in writing to the Trustees, at each quarterly meeting at the Asylum, the condition of the Asylum during the preceding quarter, and at the quarterly meeting in January the report shall cover the preceding year.

ART. 8. He shall have a vacation every year, upon application to the Chairman of the Board of Trustees; and so far as he may find it practicable, he shall allow a yearly vacation of two weeks to each of the resident officers and employees of the Asylum.

---

## CHAPTER VII.

### HOUSE PUPILS, EXTERNES, AND OUT-PATIENT ASSISTANTS OF THE HOSPITAL.

ARTICLE 1. Out-Patient Assistants to the Physicians and Surgeons shall be elected by the Resident Physician, in concurrence with said officers, from applicants who (1) shall have studied at least two years, and (2) shall bring certificates of qualification from the Medical School of Harvard University, or an equivalent; and (3) in preference, from those who, being otherwise qualified, shall express in writing a desire to be considered candidates for the office of

Externes or House Pupils. They shall each serve not more than two months continuously with any Physician or Surgeon, and not more than four and not less than two months in any year. They shall perform such services and keep such records of cases as the officer with whom they serve shall require.

ART. 2. Before nominating candidates for Externes, the Visiting Physicians and Surgeons shall confer with the Out-Patient Physicians and Surgeons as to the qualifications of their Assistants, and shall give preference to such Assistants, if in other respects qualified, among the candidates. With these nominations, the Resident Physician shall obtain and submit to the Trustees, the standing of all the candidates in the Medical School, the relative rank given them by the Out-Patient Staff, and the result of their examination by the Visiting Staff.

ART. 3. Five Externes, one for the medical and four for the surgical department, and three House Pupils, one for the medical and two for the surgical department, shall be chosen by the Trustees from a list of applicants nominated by the Visiting Physicians and Surgeons at the April and October quarterly meetings at the Hospital. They shall begin service respectively on the first of August and the first of February following.

ART. 4. They shall, before beginning service, sign a certificate that they have read the rules of the Trustees, and pledge themselves to the faithful performance of such as pertain to them; and they shall

then be under the control of the Resident Physician, subject to the orders of the Visiting Physicians and Surgeons. The House Pupils shall reside in the house, the Externes out of the house. Neither shall leave their posts without permission from the Resident Physician, and they shall make no exchange of their respective duties without the consent of the Visiting Physicians and Surgeons and the approval of the Trustees.

ART. 5. The Externes shall serve six months in attending the daily visits of the Physicians and Surgeons. They may then be promoted to be Junior House Pupils.

ART. 6. The House Pupils shall be classified as Junior and Senior, and serve six months in each class. They shall prepare patients for the regular medical and surgical visits; attend upon the Visiting Physicians and Surgeons during the visits; report the condition of the patients to them; and receive, record, and carry out their orders and prescriptions in respect to the treatment of the patients. The surgical House Pupils shall see that patients are prepared for operations; that those whose cases require it are seasonably dressed; and that the surgical instruments are ready for use before, and taken care of after operations.

ART. 7. The House Pupils shall keep, under the direction of the Visiting Physicians and Surgeons, a daily record of every important fact in the history of the patients, and enter it in the case-book of their de-

partment. They shall record all prescriptions of the Visiting Physicians and Surgeons, and transmit a copy of the same, properly attested, to the Apothecary. They shall also see that the daily orders are duly entered in the order-books of the several wards.

ART. 8. Both Externes and House Pupils shall perform all other duties which the Resident Physician, the Visiting Physicians and Surgeons, or the Trustees may require. At the termination of their service, provided it has been satisfactorily performed, House Pupils shall receive a certificate to that effect, under the seal of the Corporation.

---

## CHAPTER VIII.

### OTHER OFFICERS OF THE HOSPITAL.

ARTICLE 1. The Apothecary shall reside in the house. He shall make purchases as the Resident Physician may direct, and have the immediate care of drugs, medicines, wines, and liquors used in the house. He shall make up all prescriptions of the Physicians and Surgeons.

ART. 2. The Superintendent of Nurses shall have direction, under the Resident Physician and the Visiting Physicians and Surgeons, of the nurses and servants in the wards and the Nurses' Building. She shall make requisitions, to be signed by the Resident Physician, for all articles needed in the wards.

ART. 3. The matron shall have direction, under the Resident Physician, of the servants not in the wards or Nurses' Building. She shall oversee the dining-room, kitchen, laundry, and store-rooms. She shall have charge of the bedding, linen, and other household articles, and shall supply the requisitions of the Superintendent of Nurses approved by the Resident Physician, and perform such other duties as he may require.

---

## CHAPTER IX.

### OFFICERS OF THE ASYLUM.

ARTICLE 1. The Assistant Physicians and Pathologist shall reside in the house, and devote themselves to the patients, under direction of the Superintendent.

ART. 2. The House Pupils shall reside in the house, and serve under similar rules to those governing the House Pupils of the Hospital, and perform all duties which the Superintendent or the Trustees may require.

ART. 3. The Apothecary shall reside in the house. He shall make such purchases as the Superintendent may direct; take care of drugs, medicines, and instruments, and make up the prescriptions of the Superintendent and Assistant Physicians.

ART. 4. The Superintendent of Nurses shall have direction, under the Superintendent of the Asylum, of the nurses and attendants, with special reference to

the treatment and comfort of patients. She shall also perform the general duties of a matron in housekeeping and the oversight of female servants.

ART. 5. The two Supervisors, one for each wing of the Asylum, shall act as head attendants, with the immediate supervision of attendants and servants in their respective departments.

---

## CHAPTER X.

### PATIENTS.

ARTICLE 1. No fee or gift from patients is allowed to be received by any officer or employee of the Hospital or Asylum.

ART. 2. The services of the Physicians and Surgeons are gratuitous. It must be an acknowledged condition on the part of every patient accepting the same that no payment shall be made for them, and that no claim of any nature consequent upon them, from any Physician or Surgeon upon any patient, or from any patient upon any Physician or Surgeon who has attended him or her in the Hospital or Asylum, can be made outside. Patients, or their friends, who desire to express their obligations to the professional staff, can contribute to the charities of the Hospital and Asylum under either of the following heads, viz.: General Fund, Permanent Free-Bed Fund, Annual Subscription to Free-Bed Fund, Convalescent Fund, Surgical Instrument Fund, Library Fund, or any fund for the benefit of patients.

ART. 3. The regular charges to paying patients are as follows: in the Jackson Ward, fifty dollars a week; in the Bigelow, Townsend, and Bradlee Wards, twenty-five dollars a week; in the General Wards, ten dollars a week. These rates covering only expenses of board and lodging, may be increased or abated in individual cases by the Resident Physician. Rates for the Asylum are fixed by the Committee on admitting patients with consent of the Trustees.

ART. 4. Paying patients may be required to give an obligation, with surety, for the payment of Hospital or Asylum charges, or such security in money as the Trustees or their representative may deem sufficient. If a corporate town in this Commonwealth is principal, the obligation may be signed by any overseer of the poor of said town, who shall file with the obligation a certified copy of a vote of said town or overseers authorizing him to execute the same.

ART. 5. Patients unable to pay may be placed upon free beds, the number of which shall be fixed by the Trustees at the beginning of each quarter. The Visiting Committee, on recommendation of the Visiting Physicians and Surgeons, may continue the time of patients for two weeks, or place them temporarily on free beds, subject to the action of the Trustees at their next meeting. No free patient shall be continued more than three months without special permission of the Trustees.

ART. 6. A subscriber of one hundred dollars may nominate a patient to a free bed for a year, and a sub-

scriber of five thousand dollars to a free bed for one life, with right upon nomination to extend the same to two lives. Railroad and other corporations may secure a free bed for one year by paying five hundred dollars, and for twenty-five years by paying ten thousand dollars. All free beds are subject to the approval of the Trustees and the rules of the Hospital.

ART. 7. None who are able to pay for professional advice shall be received as Out-Patients. Such as are received shall pay only for medicines or supplies furnished at the Hospital, and these may be furnished gratuitously at the discretion of the Resident Physician.

ART. 8. Applications for admission of patients to the Hospital will be received between the hours of 9 and 11 A. M., and 3 and 4 P. M., except on Sundays, and at other times in urgent cases. Out-Patients will be received between 9 and 10 A. M., except on Sundays. Applications from the country must be made to the Resident Physician by the attending physician of the patient.

ART. 9. Patients with incurable or contagious diseases or syphilis are not entitled to admission.

ART. 10. Applications for the admission of patients to the Asylum may be made at the Asylum, or to either member of the Committee on admitting Asylum patients. In all cases, a certificate that the patient whose admittance is requested is insane, together with the statement prescribed by law, shall be required.

ART. 11. No inebriates shall be admitted as Asylum patients, except by express order of the Trustees.

ART. 12. No Asylum patient believed to be suicidal shall ever be left without an attendant, if any means of self-destruction are at hand; and at no time, except during the night watch, shall any ward be without an attendant actually present. A night supervisor shall pass through each ward every hour during the night, from 10 P. M. to 6 A. M., and a watcher shall be constantly present wherever needed.

ART. 13. All patients must comply with the rules of the Trustees and the directions of the Resident Physician, or Superintendent, or those acting under them.

ART. 14. No visitors shall be admitted to the Hospital without the sanction of the Resident Physician. Except on Sundays, they may be admitted from 2 to 3 o'clock to the wards, or to the private rooms at any hour allowed. In all cases the Resident Physician has discretionary powers as to excluding visitors.

ART. 15. No visitors shall be admitted to the Asylum without the sanction of the Superintendent. The stated times for visits are on Wednesday and Saturday afternoons. In all cases the Superintendent has discretionary powers as to excluding visitors.

---

## CHAPTER XI.

### TREADWELL LIBRARY.

ARTICLE 1. The Visiting Physicians and Surgeons of the Hospital, and such other persons as they by

joint vote may authorize, are empowered to use the Treadwell Library of the Hospital, subject to the following conditions:

1. That they give a bond to the Trustees, in the sum of one hundred dollars each, for the faithful performance of the several requisitions contained in the will of Dr. Treadwell respecting the Library.

2. That they appoint a Guardian, to have the special custody of the Library, make rules for its use and safe keeping, and submit the same to the Trustees for their approval.

3. That they cause the Library to be examined, and, at the first quarterly meeting in January, annually report in writing to the Trustees its condition, the number of volumes on hand, the number of volumes lost, injured, or missing, and the number of volumes added or procured in place of those which have been lost.

---

## CHAPTER XII.

### WARREN PRIZE.

ARTICLE 1. The accumulated interest of the fund provided for this purpose shall be appropriated every third year for a prize, to be called the Warren Prize, in memory of the late Dr. John C. Warren. This prize shall be awarded by the Physicians and Surgeons of the Hospital to the best dissertation considered worthy on some subject in Physiology, Surgery, or Pathological Anatomy. Whenever no dissertation is

offered, or none is thought worthy of a prize, the interest shall be added to the original fund.

ART. 2. The Resident Physician shall give suitable notice, through the Medical Journals, of the subject selected by the Physicians and Surgeons, and of the time when the dissertations should be presented.

# SEVENTY-EIGHTH ANNUAL REPORT

OF THE

# TRUSTEES

OF THE

# MASSACHUSETTS GENERAL HOSPITAL

AND

# McLEAN ASYLUM

1891

---

BOSTON
L. BARTA & CO., PRINTERS, 148 HIGH STREET
1892.

# SEVENTY-EIGHTH ANNUAL REPORT

OF THE

# TRUSTEES

OF THE

# MASSACHUSETTS GENERAL HOSPITAL

AND

# McLEAN ASYLUM

## 1891

---

BOSTON
L. BARTA & CO., PRINTERS, 148 HIGH STREET
1892.

# THE SEVENTY-EIGHTH ANNUAL REPORT.

For the year 1891.

---

THE Committee of Trustees, to whom was referred the Treasurer's report, with other documents, including annual reports and tabular statements from the several departments in the institution, respectfully submit herewith the Seventy-Eighth Annual Report. The report shows an ever-increasing number of patients treated during the year. The principal changes in the staff have been the resignation of Dr. George G. Tarbell, at the Hospital, and the appointment of Dr. W. W. Gannett, to fill the vacancy; and at the Asylum, the resignation of Dr. James W. Babcock, Second Assistant, and the election of Dr. D. H. Fuller to fill the vacancy. The two retiring physicians were both eminent for admirable work in their respective departments.

The Treasurer's account for the year shows that the total expenses have been: —

| | |
|---|---|
| On Account of the Hospital . . . . . | $135,663.27 |
| " " " " McLean Asylum . . . . | 151,419.67 |
| " " " " Convalescent Home . . . | 10,185.65 |
| Making a total of . . . . . | $297,268.59 |
| These expenses have been met from the amount charged to patients . . . . . | $166,032.92 |
| Income from various funds . . . . . | 104,416.86 |
| Subscription for Free Beds for 1891 . . . . | 13,198.00 |
| From profits of the Massachusetts Hospital Life Insurance Company . . . . . | 10,000.00 |
| Deficit drawn from the general fund . . . . | 3,620 81 |

| | |
|---|---|
| The expenses at the Hospital have exceeded the receipts | $12,410.02 |
| The receipts of Convalescent Home have exceeded the expenses | 200.55 |
| And the expenses at the McLean Asylum have exceeded the receipts | 1,411.34 |
| Making a deficit of | $13,620 81 |

from which the income of $10,000 derived from the "Life" office being subtracted, the net deficit becomes $3,620.81.

As in previous years, the principal deficiency in our finances has come from the free-bed system at the Hospital, which is increasing very much out of proportion to the funds which have been received to maintain it. The past year shows that more than three fourths of all the patients admitted to the hospital have been entirely free, and that only one eighth have been patients who have paid their expenses.

The number of patients in the wards throughout the year was 3,409; in the out-patient department 25,819 new patients have been treated; 386 patients have been in the Convalescent Home. The number of patients in the Asylum was 298.

Donations and legacies to the amount of $36,662.32 have been received during the year, as follows: —

| | |
|---|---|
| Bequest of Abraham Goldsmid, of Chicago, as a slight acknowledgment of kindness shown him in sickness and distress about the year 1853 | $150.00 |
| Bequest of Joseph Schofield | 3,000 00 |
| Donation of Mrs. Horace Gray | 50.00 |
| Donation of Charles H. Dalton and Henry R. Dalton, to be called the John Call Dalton and Edward Barry Dalton Trust Fund for Promoting Investigation in the Science of Medicine | 10,000.00 |
| Bequest of Miss Ann Wigglesworth | 5,000.00 |

| | |
|---|---|
| Part bequest of M. P. Sawyer, income devoted to Free Beds | $3,218 32 |
| Bequest of Augustus L. Case | 500 00 |
| Additional donation of William S. Dexter | 500.00 |
| Donation of Frank Merriam, in memory of his mother, Caroline Merriam, income for Free Beds | 1,000 00 |
| Donation of Mrs. J. S. Cabot | 50.00 |
| Subscription for Free Beds | 13,198 00 |

At the close of the year the corporation suffered a great loss in the death of E. Francis Bowditch, for many years a trustee. At a meeting of the Trustees, January 8, 1892, the following minute was adopted: —

"The Massachusetts General Hospital has suffered a great loss in the death of E. Francis Bowditch, a Trustee for twenty years. He inherited his father's love for the institution and has rendered a service of cordial and loyal devotedness. He was particularly relied upon in matters relating to the grounds of the Hospital and Asylum, and brought his large agricultural experience to bear upon our out-door interests. His kindly presence and ready sympathy fitted him to meet all the demands of officers and patients, and made him a universal favorite and friend. He leaves a memory of whole-hearted zeal, which will be long and gratefully cherished by his associates and all connected with the Hospital."

Mr. Bowditch inherited his interest in the Hospital from both his paternal and maternal ancestors, who were benefactors to the institution from its earliest days. His grandfather, Ebenezer Francis, was a trustee in 1817, and served upon the building committee which erected the original hospital and asylum structures, and on the committee which admitted the first patients. His father, Nathaniel I. Bowditch, served as trustee and vice-president for the period of thirty-five years. These family traditions have been most worthily sustained by the son and grandson.

His hearty personality and cheerful disposition, and his sincere sympathy with all forms of suffering or misfortune with which he came in contact, were an unusual combination of the gifts of nature which always made his visits most welcome and beneficial to the inmates. The loss of his presence in the Board is not only that of a prudent, devoted, and efficient coadjutor, but it is even more — the loss of a personal friend and charming companion, and the example of a stainless character.

Dr. Henry I. Bowditch, long on our Staff, and long on our Board of Consultation, has died since the last year, but we desire to record the value of his protracted services to the Hospital, and our respect for his memory.

The Trustees would renew their acknowledgments to the Boston Training School for nurses, which has been connected with the Hospital during many years. The school provides a superintendent of nurses, a night superintendent, and makes an appropriation by means of which some of the more experienced nurses give instruction to the less experienced. All this is of great service to the Hospital administration, and entitles the Training School to frequent expressions of our grateful appreciation.

They also desire to acknowledge the great good that has been accomplished by the lady visitors of the Hospital, and the good work which they are doing.

We again call public attention to the private rooms constructed especially for paying patients and supplying something like home comforts.

We repeat the statements in former reports, to the effect that children are received into the Hospital and the Convalescent Home, and, if infants, their mothers are admitted with them.

The need of a ward for contagious diseases was fully stated in the last annual report. A year's additional experience has but deepened the need.

It has been a pleasure to supply two other wants mentioned a year ago. The out-patient quarters have been largely increased by adding a story to the Gay Memorial Building at a cost of $8,000. During the year a suitable house has been erected for the Resident Physician in the Hospital enclosure, but not directly adjoining the main buildings. This was thought necessary, as the former rooms in the central part of the hospital were unsuitable for family use, and will now be valuable for the use of the staff and other officers of the institution. The new building has been erected at a cost of about $15,000, drawn from the General Fund.

We wish to call special attention to the great benefits obtained from the Bradlee Ward and Operating Theatre. The complete results of the antiseptic treatment, made possible by the perfect appointments of this ward, have been most satisfactory, and the rooms being especially bright and attractive, have added greatly to the convalescence of the patients who undergo operations.

The Trustees can only reiterate what they have often said in their previous reports in regard to the great need of new Asylum buildings. The present buildings are old, and the situation has become so noisy and circumscribed that it is very difficult to get the best results obtainable in the treatment of patients. We feel that a considerable proportion of our patients, especially those of the more recent cases, would be greatly benefited by the change, not only to brighter rooms, but a more peaceful and pleasant location.

The plans now prepared are for detached houses of

a domestic style of architecture, each within its own grounds, varying in size and accommodations, with the best arrangements for comfort, safety, and recovery known to modern science. The construction of these buildings on our Waverley estate will be begun as soon as the Trustees are supplied with the necessary funds, and can be built and occupied almost, if not quite, as quickly as the same number of private dwellings. We hope that the time is not far distant when we may be in a position to move the Asylum to a site that we all feel would be very much more advantageous than the present one. We ask the liberal men and women in our community to lend us their aid in this much needed enterprise.

NATHANIEL THAYER,
SAMUEL ELIOT,
*Committee.*

# REPORT OF THE TREASURER.

In accordance with the Fifth Article of the By-Laws, the report of the accounts of the Massachusetts General Hospital, made up to the last day of December, 1891, is respectfully submitted to be laid before the Corporation at its annual meeting.

*Dr.* FRANKLIN HAVEN, JR., *Treasurer, in account with the* MASSACHUSETTS GENERAL HOSPITAL, *Cr.*

| | | | |
|---|---|---|---|
| To Balance Cash on hand, Dec. 31, 1890 | $14,710.25 | By Cash paid Insurance | $1,048.88 |
| ,, Railroad Bonds sold or matured | 103,275.00 | ,, ,, ,, Annuitants | 2,576.00 |
| ,, City and Town Bonds matured | 5,000.00 | ,, ,, ,, Notes Receivable | 73,167.50 |
| ,, One third profits Mass. Hospital Life Ins. Co. | 10,000.00 | ,, ,, ,, Taxes at Belmont | 484.10 |
| ,, Donations and legacies | 23,468.52 | ,, ,, ,, Expenses of Hospital | 135,663.27 |
| ,, Profit on Real Estate sold | 4,875.00 | ,, ,, ,, Expenses of Asylum | 151,419.67 |
| ,, Income from investments | 122,662.32 | ,, ,, ,, Expenses of Convalescent Home | 10,185.65 |
| ,, Board of paying patients at Asylum | 138,907.73 | ,, ,, ,, Investments | 66,370.00 |
| ,, Board of paying patients at Hospital | 25,068.19 | ,, ,, ,, Library | 254.82 |
| ,, Board of paying patients at Convalescent Home | 2,057.00 | ,, ,, ,, Wooden legs | 600.00 |
| ,, Subscribers for Free Beds ($5,800) received for this purpose in 1890 | 7,398.00 | ,, ,, ,, Gay Ward | 6,465.33 |
| | | ,, ,, ,, House for Resident Physician | 7,632.55 |
| ,, Subscribers for Free Beds for 1892 in advance | 4,800.00 | ,, ,, ,, Warren Prize Fund account | 50.00 |
| ,, Premiums on bonds sold | 1,283.50 | ,, ,, ,, Surgical Instrument Fund account | 335.20 |
| ,, Dr. Edward Cowles | 1,787.61 | ,, ,, ,, Dr. J. W. Pratt | 11.64 |
| | | ,, Balance Cash on hand, Dec. 31, 1891 | 9,028.51 |
| | $465,293.12 | | $465,293.12 |

The expense of carrying on the business of the Corporation for the year 1891 has been $297,268.59: —

| | | |
|---|---|---|
| On account of Hospital | $135,663.27 | |
| ,, ,, ,, McLean Asylum | 151,419.67 | |
| ,, ,, ,, Convalescent Home | 10,185.65 | |
| | | $297,268.59 |

These expenses have been met from

| | | |
|---|---|---|
| Amount charged to patients | $166,032.92 | |
| Income from various funds | 104,416.86 | |
| Subscriptions for Free Beds for 1891 | 13,198.00 | |
| Deficit drawn from the General Fund | 13,620.81 | |
| | | $297,268.59 |

The expenses at the Hospital have exceeded the receipts $12,410.02; the receipts at the Convalescent Home have exceeded the expenses $200.55; and the expenses at the McLean Asylum have exceeded the receipts $1,411.34, making a net deficit of $13,620.81.

TABLE No. 1.

HOSPITAL DEPARTMENT.

Expenses and receipts for the year 1891: —

| | | |
|---|---|---|
| Expenses at the Hospital (see Table 4) | | $135,663.27 |
| *Receipts.* | | |
| Income from Redman Fund (see Table 7) | $27,306.78 | |
| ,, ,, Free Bed Funds (see Table 7) | 41,843.80 | |
| ,, ,, funds, income unrestricted (see Table 7) | 3,000.00 | |
| ,, ,, General Fund (see Table 7) | 12,836.48 | 84.987. |
| ,, ,, Free Bed Subscriptions (see Table 8) | 13,198.00 | |
| Amount charged to patients | 25,068.19 | |
| Deficit from General Fund | 12,410.02 | |
| | | $135,663.27 |

TABLE No. 2.

McLEAN ASYLUM.

## Expenses and receipts for the year 1891: —

| | | |
|---|---|---|
| Expenses at the Asylum (see Table 5) . . . | | $151,419.67 |
| *Receipts.* | | |
| Income from Funds for Beneficiaries . . . | $5,400.60 | |
| ,, ,, ,, ,, Female Beneficiaries . | 5,100.00 | |
| ,, ,, Amusement Fund . . . . . | 600.00 | |
| Amount charged to patients . . . . . | 138,907.73 | |
| | | $150,008.33 |
| Balance of expenses over receipts charged to the General Fund . . . . . | | $1,411.34 |

TABLE No. 3.

CONVALESCENT HOME.

## Expenses and receipts for the year 1891: —

| | | |
|---|---|---|
| Expenses at Convalescent Home (see Table 6) | | $10,185.65 |
| *Receipts.* | | |
| Income from Convalescent Home Fund . . | $8,329.20 | |
| Amount charged to patients . . . . . | 2,057.00 | |
| | | $10,386.20 |
| Balance of receipts over expenses credited to the General Fund . . . . . | | $200.55 |

TABLE No. 4.

## Expenses of the Hospital Department: —

| | | |
|---|---|---|
| For Stores . . . . . | $45,099.38 | |
| Gas and Oil . . . . . | 210.62 | |
| Water and Ice . . . . . | 2,731.09 | |
| Wages . . . . . | 37,314.97 | |
| Medicine . . . . . | 4,379.12 | |
| Furniture . . . . . | 10,757.86 | |
| Surgical Instruments . . . . . | 4,522.96 | |
| Stationery . . . . . | 998.20 | |
| Wines and Liquors . . . . . | 2,041.55 | |
| Salaries . . . . . | 4,528.50 | |
| One half General Expenses . . . . . | 1,080.59 | |
| Fuel . . . . . | 12,270.46 | |
| Contingencies . . . . . | 1,710.67 | |
| Repairs . . . . . | 8,017.30 | |
| | | $135,663.27 |

These expenditures have been for account of: —

| | | |
|---|---|---|
| 2,566 free patients for 9,672 weeks . . . . | $121,314.88 | |
| 637 other patients for 1,144 weeks . . . . | 14,348.39 | |
| 10,816 | | $135.663.27 |
| The average number of patients in 1890 . . | 198 | |
| The average number of patients in 1891 . . | 208 | |
| The average cost per week in 1890 . . . . | 12.41 | |
| The average cost per week in 1891 . . . . | 12.54 | |
| The total expenses in 1890 . . . . . | 127,727.39 | |
| The total expenses in 1891 . . . . . | 135,663.27 | |
| The amount paid for account of free patients | | 121,314.88 |
| The amount received for them has been: — | | |
| From income of Free Bed Funds . . . | 41,843.80 | |
| From subscribers for this object . . . | 13,198.00 | |
| | | $55,041.80 |

The deficiency has been drawn in part from the income of various funds applicable to the purpose, and the remainder from the General Fund.

TABLE NO. 5.

EXPENSES OF THE ASYLUM DEPARTMENT.

| | | |
|---|---|---|
| For Stores . . . . . | $44,918.88 | |
| Laundry . . . . . | 8,639.19 | |
| Fuel . . . . . | 8,846.97 | |
| Stationery . . . . . | 526.80 | |
| Medicines and Liquors . . . . . | 2,469.75 | |
| Contingencies . . . . . | 2,752.99 | |
| Furniture . . . . . | 8,397.85 | |
| Repairs . . . . . | 13,777.88 | |
| Diversions . . . . . | 1,521.57 | |
| Belmont Improvements . . . . . | 98.79 | |
| Water and Ice . . . . . | 2,864.30 | |
| Lights . . . . . | 3,221.45 | |
| Wages . . . . . | 31,648.21 | |
| Salaries . . . . . | 10,842.25 | |
| One half General Expenses . . . . . | 1,080.59 | |
| Library . . . . . | 700.00 | |
| Stables . . . . . | 6,548.68 | |
| Garden . . . . . | 3,463.46 | |
| Carriages . . . . . | 221.00 | |
| | | $152,540.61 |
| Less Cr. Clothing, $267.47; Farm, $853.47, | | 1,120.94 |
| | | $151,419.67 |

These expenditures have been for account of: —

| | | |
|---|---|---|
| Patients paying average cost and more | | $27,100.33 |
| Patients paying less than average cost | | 124,319.34 |
| | | $151,419.67 |
| The average number of patients in 1890 | 173 | |
| The average number of patients in 1891 | 173 | |
| The average cost per week in 1890 | $16.83 | |
| The average cost per week in 1891 | 16.81 | |
| The total expenses in 1890 | | $152,219.98 |
| The total expenses in 1891 | | 151,419.67 |
| The amount expended at the Asylum for patients who have paid less than average cost has been | | 124,319.34 |
| The amount received has been: — | | |
| From patients, 7,385 weeks' board at less than average cost | $78,159.12 | |
| Income of Funds for Beneficiaries | 5,400.60 | |
| Income of Funds for Female Beneficiaries, | 5,100.00 | |
| Income of Amusement Fund | 600.00 | |
| | | 89,259.72 |
| | | $35,059.62 |

The deficiency has been partly met by patients paying more than average cost, and the balance, $1,411.34, drawn from the General Fund.

TABLE NO. 6.

EXPENSES OF THE CONVALESCENT HOME.

| | | |
|---|---|---|
| For Stores | | $4,713.58 |
| Gas and Oil | | 46.10 |
| Furniture | | 464.58 |
| Wages | | 2,899.64 |
| Fuel | | 654.85 |
| Ice | | 151.65 |
| Repairs | | 513.12 |
| Contingencies | | 634.54 |
| Surgical Instruments | | 40.69 |
| Medicines | | 66.90 |
| | | $10,185.65 |
| Whole number of patients admitted during the year, | | |
| males | 227 | |
| females | 141 | |
| | 368 | |
| Number of patients, Jan. 1, 1891 | 18 | |
| | | 386 |

| | | |
|---|---|---|
| Whole number discharged during the year | | 365 |
| Remaining, Jan. 1, 1892, males | 11 | |
| females | 10 | 21 |
| | | 386 |

TABLE No. 7.

INCOME FROM INVESTMENTS.

| | |
|---|---|
| From Annuities Receivable | $6,400.00 |
| City and Town Bonds | 850.00 |
| Mass. Hospital Life Ins. Co. Stock | 5,000.00 |
| Railroad Bonds | 30,898.00 |
| Manufacturing Stocks | 3,503.00 |
| Bank Stocks | 5,007.00 |
| Real Estate, Productive | 64,295.63 |
| Notes Receivable | 4,155.00 |
| Railroad Stocks | 2,230.00 |
| Del. Mut. Ins. Co. | 41.25 |
| Interest | 282.44 |
| | $122,662.32 |

Which has been distributed as follows: —

| | | | |
|---|---|---|---|
| To G. H. Gay Fund | | | $412.80 |
| Redman Fund | | | 27,306.78 |
| Warren Prize Fund | | | 214.80 |
| Bowditch History Fund | | | 120.00 |
| Wooden Leg Fund | | | 306.00 |
| Redman Annuities | | | 276.00 |
| Clara Barton Annuity | | | 194.46 |
| Surgical Instrument Fund | | | 88.50 |
| Amusement Fund | | | 600.00 |
| Free Bed Funds | for use | $41,843.80 | |
| | for Joy Annuitants | 500.00 | 42,343.80 |
| Beneficiaries at Asylum Funds | | | 5,400.60 |
| Warren Library Fund | | | 60.00 |
| One half Lincoln Fund,— Female Beneficiaries | | | 5,100.00 |
| Funds with Income Unrestricted | | | 3,000.00 |
| General Fund | | | 12,836.48 |
| Convalescent Home Fund | | | 8,329.20 |
| Asylum Building Fund | | | 13,392.90 |
| Whittemore Fund | | | 1,500.00 |
| Urbino Fund | | | 300.00 |
| Treadwell Library Fund | | | 300.00 |
| Samuel Cabot Fund | | | 120.00 |
| Hibbard Fund | | | 60.00 |
| Dalton Fund | | | 400.00 |
| | | | $122,662.32 |

| | |
|---|---|
| The Income for 1889 was | $119,392.99 |
| The Income for 1890 was | 120,215.98 |
| The Income for 1891 has been | 122,662.32 |

TABLE No. 8.

SUBSCRIBERS FOR FREE BEDS FOR 1891.

| | | | |
|---|---|---|---|
| American Bell Telephone Co. | $ 98 | E. W. Hooper | 100 |
| Oliver Ames & Sons' Corporation | 100 | George D. Howe | 100 |
| C. W. Amory | 100 | Francis W. Hunnewell | 100 |
| D. H. Andrews | 100 | Samuel Johnson | 100 |
| Boston & Albany R. R. Co. | 500 | David P. Kimball | 100 |
| Boston & Lowell R. R. Co. | 300 | L. C. Kimball | 100 |
| Boston & Maine R. R. Co. | 500 | Amory A. Lawrence | 100 |
| Boston & Providence R. R. Co. | 100 | Mrs. Amos A. Lawrence | 100 |
| Boston Firemen's Relief Fund | 200 | Mrs. Anna C. Lodge | 100 |
| Mrs. E. B. Bowditch | 200 | Thornton K. Lothrop | 100 |
| J. L. Bremer | 100 | Mrs. Thornton K. Lothrop | 100 |
| Richard Briggs | 100 | Theodore Lyman | 100 |
| P. C. Brooks | 100 | Thomas Mack | 100 |
| Shepherd Brooks | 100 | Miss Ida M. Mason | 100 |
| William S. Bullard | 100 | W. Powell Mason | 100 |
| Mrs. Laura M. Case | 100 | Mass. Humane Society | 200 |
| J. Randolph Coolidge | 100 | Mrs. Caroline Merriam | 100 |
| J. T. Coolidge | 100 | Charles Merriam | 100 |
| T. Jefferson Coolidge | 100 | Miss M. C. Mixter | 100 |
| T. Jefferson Coolidge, Jr. | 100 | C. J. Morrill | 100 |
| J. B. Curwen | 100 | N. Y. & N. E. R. R. Co. | 500 |
| Mrs. Arthur Croft | 100 | Old Colony R. R. Co. | 500 |
| Charles P. Curtis | 100 | C. E. Perkins | 100 |
| Greely S. Curtis | 100 | F. H. Peabody | 100 |
| Mrs. J. G. Cushing | 100 | Frank E. Peabody | 100 |
| F. Gordon Dexter | 100 | W. D. Pickman | 100 |
| George Dexter | 300 | Mrs. B. S. Rotch | 100 |
| Mrs. C. H. Dalton | 100 | Dr. Wm. L. Richardson | 100 |
| C. H. Dalton | 100 | Henry Saltonstall | 100 |
| Edmund Dwight | 100 | F. R. Sears | 100 |
| Samuel Eliot | 100 | J. M. Sears | 100 |
| William Endicott, Jr. | 100 | Mrs. G. H. Shaw | 100 |
| Employers' Liability Assurance Corporation, Limited | 100 | Henry S. Shaw | 100 |
| Mrs. Elizabeth E. Fay | 100 | J. P. Squire & Co. | 200 |
| Henry H. Fay | 100 | Mrs. Francis Skinner | 100 |
| Joseph S. Fay | 100 | Bayard Thayer | 100 |
| Joseph S. Fay, Jr. | 100 | Nathaniel Thayer | 200 |
| Fitchburg R. R. Co. | 500 | E. V. R. Thayer | 100 |
| John Foster | 100 | George W. Wales | 100 |
| Mrs. Harriet Gray | 100 | Mrs. Charles E. Ware | 100 |
| George A. Gardner | 100 | Otis E. Weld | 100 |
| John L. Gardner | 200 | West End Street Railway Co. | 500 |
| Joseph B. Glover | 100 | Thos. Wigglesworth | 200 |
| Miss Eliza Goodwin | 100 | R. C. Winthrop, Jr. | 100 |
| W. O. Grover | 100 | Mrs. Thomas Lindall Winthrop | 100 |
| F. Haven, Jr. | 100 | J. Huntington Wolcott | 100 |
| F. L. Higginson | 100 | Mrs. J. Huntington Wolcott | 100 |
| Miss E. Hooper | 100 | Henry Woods | 100 |
| | | Chas. L. Young | 100 |
| | | | $13,198 |

| | |
|---|---|
| Total Free Bed Subscriptions in 1890 | $13,496 |

## TABLE No. 9.—LIBRARY FUNDS.

### TREADWELL LIBRARY FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1890.— | | |
| Principal | | $5,000.00 |
| Income | $32.48 | |
| 1891 Income received | 300.00 | |
| | $332.48 | |
| Income expended | 254.82 | |
| | $77.66 | |
| Balance, Dec. 31, 1891:— | | |
| Principal | | $5,000.00 |
| Income | $77.66 | |

### WARREN LIBRARY FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1890:— | | |
| Principal | | $1,000.00 |
| Income | $819.62 | |
| 1891 Income received | 60.00 | |
| | $879.62 | |
| Balance, Dec. 31, 1891:— | | |
| Principal | | $1,000.00 |
| Income | $879.62 | |

## TABLE No. 10.

### WOODEN LEG FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1890:— | | |
| Principal | | $5,100.00 |
| Income | $316.69 | |
| 1891 Income received | $306.00 | |
| | $622.69 | |
| Income expended | 600.00 | |
| | $22.69 | |
| Balance, Dec. 31, 1891:— | | |
| Principal | | $5,100.00 |
| Income | $22.69 | |

## TABLE No. 11.

### BOWDITCH HISTORY FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1890:— | | |
| Principal | | $2,000.00 |
| Income | $55.75 | |
| 1891 Income received | 120.00 | |
| | $175.75 | |
| Balance, Dec. 31, 1891:— | | |
| Principal | | $2,000.00 |
| Income | $175.75 | |

TABLE No. 12.

GENERAL FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1890. . . . . | $1,126,729.96 | |
| Add one third profits of Mass. Hospital Life Ins. Co. . . . . | $10,000.00 | |
| Add premiums on bonds sold . . . . . | 1,283.50 | |
| Add donations and legacies . . . . . | 8,700.00 | |
| Add profit on real estate sold . . . . . | 4,875.00 | 1,151,588.46 |
| Less balance of insurance account . . . | 1,048.88 | |
| Less balance of expenses over income . . | 13,620.81 | |
| Balance, Dec. 31, 1891 . . . . . | 1,136,918.77 | 1,151,588.46 |

TABLE No. 13.

RESTRICTED FUNDS.

## Income devoted to free beds: —

| | |
|---|---|
| The Joy Fund, a bequest from Miss Nabby Joy . . . . . | $20,000.00 |
| Belknap Fund, a bequest from Jeremiah Belknap . . . . . | 10,000.00 |
| Wm. Phillips Fund, a bequest from Wm. Phillips . . . . . | 5,000.00 |
| Williams Fund, a bequest from John D. Williams, of estate No. 17 Blackstone Street . . . . . | 19,600.00 |
| Bromfield Fund, half of a bequest from John Bromfield . . . . . | 20,000.00 |
| Miss Townsend Fund, a donation from the executors of the will of Miss Mary P. Townsend . . . . . | 11,486.50 |
| Brimmer Fund, a bequest from Miss Mary Ann Brimmer . . . . . | 5,000.00 |
| Wilder Fund, a bequest from Charles W. Wilder . . . . . | 12,000.00 |
| Sever Fund, a bequest from Miss Martha Sever . . . . . | 500.00 |
| Thompson Fund, a bequest from S. B. Thompson . . . . . | 500.00 |
| Tucker Fund, a bequest from Miss Margaret Tucker . . . . . | 3,312.37 |
| Davis Fund, a bequest from Mrs. Eleanor Davis . . . . . | 900.00 |
| Loring Fund, a bequest from Abigail Loring . . . . . | 5,000.00 |
| Nichols Fund, a bequest from B. R. Nichols . . . . . | 6,000.00 |
| Gray Fund, a donation from John C. Gray . . . . . | 1,000.00 |

| | |
|---|---|
| The Dowse Fund, a bequest from Thomas Dowse | $5,000.00 |
| Todd Fund, a bequest from Henry Todd | 5,000.00 |
| J. Phillips Fund, bequest from Jonathan Phillips | 10,000.00 |
| Greene Fund, a bequest from Benj. D. Greene | 5,000.00 |
| Percival Fund, a bequest from John Percival | 950.00 |
| Pickens Fund, a bequest from John Pickens | 1,676.75 |
| Treadwell Fund, part of a bequest from J. G. Treadwell | 38,703.91 |
| Raymond Fund, a bequest from E. A. Raymond | 2,820.00 |
| Harris Fund, part of a bequest from Charles Harris | 1,000.00 |
| Mason Fund, a bequest from Wm. P. Mason | 9,400.00 |
| J. L. Gardner Fund, a donation from J. L. Gardner | 20,000.00 |
| B. T. Reed Fund, a donation from Benj. T. Reed | 1,000.00 |
| Wm. Reed Fund, a bequest from Wm. Reed | 5,233.92 |
| McGregor Fund, half of a donation and bequest from James McGregor | 7,500.00 |
| Miss Rice Fund, a bequest from Miss Arabella Rice | 5,000.00 |
| Templeton Fund, half of a bequest from John Templeton | 5,000.00 |
| Mrs. J. H. Rogers Fund, a donation from J. H. Rogers | 1,177.50 |
| Beebe Fund, a bequest from J. M. Beebe | 50,000.00 |
| Lincoln Fund, half of a bequest from Mrs. F. W. Lincoln | 85,000.00 |
| Blanchard Fund, a bequest from Mrs. M. B. Blanchard | 4,000.00 |
| George Gardner Fund, a donation from George Gardner | 1,000.00 |
| Hemenway Fund, a donation from the executors of the will of Augustus Hemenway | 20,000.00 |
| Jessup Fund, part of a bequest from Dr. Chas. A. Jessup | 1,000.00 |
| Tufts Fund, bequest from Quincy Tufts | 10,000.00 |
| Read Fund, half of a bequest from Jas. Read | 1,000.00 |

| | |
|---|---|
| The Parker Fund, a bequest from Jno. Parker, Jr. | $10,000.00 |
| Miss Shaw Fund, a donation and bequest from Miss M. Louisa Shaw | 5,500.00 |
| Eliza Perkins Fund, a donation from Mrs. H. B. Rogers | 1,000.00 |
| Dwight Fund, a donation from Mrs. T. Bradford Dwight | 1,000.00 |
| Hunnewell Fund, a donation from H. H. Hunnewell | 10,000.00 |
| R. M. Mason Fund, a bequest from R. M. Mason | 5,000.00 |
| Hannah Lowell Cabot Fund, a donation from Dr. Samuel Cabot | 1,000.00 |
| Welles Fund, a donation from Miss Jane Welles | 5,000.00 |
| Black Fund, a bequest from Miss Marianna Black | 2,000.00 |
| Eben Wright Fund, an assignment of legacies by the children of T. Jefferson Coolidge | 14,000.00 |
| Paraclete Holmes Fund, a donation from W. S. Adams | 2,000.00 |
| Estabrooks Fund, a bequest from J. W. Estabrooks | 1,000.00 |
| Thayer Fund, a bequest from Nathaniel Thayer | 30,000.00 |
| Sawyer Fund, a bequest from M. P. Sawyer | 76,902.66 |
| Ann E. Gray Fund, a bequest from Miss Ann E. Gray | 5,000.00 |
| John Bertram Fund, a donation from Mrs. Clara Bertram Kimball | 5,000.00 |
| Hannah C. Leland Fund, a bequest from Mrs. Hannah C. Leland | 15,000.00 |
| Esther E. Beebe Fund, a bequest from Mrs. Esther E. Beebe | 2,000.00 |
| Ella F. Roehl Fund, a bequest from Miss Ella F. Roehl | 8,085.02 |
| Donations from friends, two of $100 each and one of $50 | 250.00 |
| Henry B. Rogers Fund, a bequest from Henry B. Rogers | 10,000.00 |
| John H. Eastburn Fund, a bequest from John H. Eastburn | 10,000.00 |
| Mrs. Susan F. Eastburn Fund, a bequest from Mrs. Susan F. Eastburn | 1,000.00 |
| William B. Craft Fund, a bequest from William B. Craft | 5,000.00 |

| | | |
|---|---|---|
| Emily W. Appleton Fund, a donation from Mrs. Emily W. Appleton . . | $1,000.00 | |
| Charles R. Hayden Fund, a donation from Mrs. Annie Ruth Hayden . . | 2,000.00 | |
| Spaulding Fund, a donation of Mahlon D. and John P. Spaulding . . . . | 10,000.00 | |
| Shattuck Fund, a donation of Mrs. George C. Shattuck . . . . . | 500.00 | |
| Joel Spalding Fund, a donation of Miss Sarah R. Spalding . . . . . | 3,000.00 | |
| McGregor Fund, a bequest of Mrs. James McGregor . . . . . | 1,000.00 | |
| Bartlett Fund, a bequest of Sidney Bartlett . . . . . | 10,000.00 | |
| Jas. B. and Mary Dow Fund, a gift of Mary Dow, under the will of James B. Dow . . . . . | 5,000.00 | |
| Elisha T. Loring Fund, a bequest of Elisha T. Loring . . . . . | 10,000.00 | |
| Ellen M. Gifford Fund, part of a bequest of Ellen M. Gifford . . . . . | 10,000.00 | |
| Turner Sargent Bed Fund, a bequest of Amelia Jackson Sargent . . . . | 5,000.00 | |
| Sarah E. Allen Fund, a bequest of Sarah E. Allen . . . . . | 5,000.00 | |
| Wm. S. Dexter Fund, a donation of Wm. S. Dexter . . . . . | 1,500.00 | |
| Wm. B. Spooner Fund, a bequest of Wm. B. Spooner . . . . . | 3,000.00 | |
| Caroline Merriam Fund, a donation from Frank Merriam . . . . . | 1,000.00 | |
| | | $710,498.63 |

## Income devoted to Beneficiaries at Asylum : —

| | | |
|---|---|---|
| Bromfield Fund, half of a bequest from John Bromfield . . . . . | $20,000.00 | |
| Read Fund, half of a bequest from Jas. Read . . . . . | 1,000.00 | |
| Appleton Fund, $10,010 a bequest from Samuel Appleton, $20,000 being a donation from Wm. Appleton . . | 30,010.00 | |
| McGregor Fund, half of a donation and bequest from James McGregor . . | 7,500.00 | |
| *Amount carried forward* . . . . | $58,510.00 | $710,498.63 |

| | | |
|---|---|---|
| *Amount brought forward* . . . | $58,510.00 | $710,498.63 |
| Austin Fund, part of a bequest from Mrs. Agnes Austin . . . . . | 5,000.00 | |
| Kittredge Fund, a bequest from Rufus Kittredge . . . . . | 5,500.00 | |
| Templeton Fund, half of a bequest from John Templeton . . . . . | 5,000.00 | |
| Proctor Fund, a bequest from Mrs. Lydia P. Proctor . . . . . | 1,000.00 | |
| Higginson Fund, a bequest from George Higginson . . . . . | 10,000.00 | |
| Ellen M. Gifford Fund, part of a bequest from Ellen M. Gifford . . . . . | 5,000.00 | |
| | | 90,010.00 |
| **Income devoted to Female Beneficiaries at Asylum: —** | | |
| Lincoln Fund, half of a bequest from Mrs. F. W. Lincoln . . . . . | | 85,000.00 |
| **Income unrestricted: —** | | |
| Waldo Fund, a bequest from Daniel Waldo | 40,000.00 | |
| Blake Fund, a bequest from Stanton Blake | 10,000.00 | |
| | | 50,000.00 |
| **Income devoted to any purpose except buildings: —** | | |
| Redman Fund, a bequest from John Redman . . . . . | | 455,113.34 |
| **Income devoted to a Triennial Prize: —** | | |
| Warren Prize Fund, a bequest from Dr. J. M. Warren . . . . . | | 3,579.92 |
| **Income devoted to the Library:** | | |
| Treadwell Library Fund, part of a bequest from J. G. Treadwell . . . . . | | 5,000.00 |
| **Income devoted to books for Patients: —** | | |
| Warren Library Fund, a donation from Dr. J. C. Warren . . . . . | | 1,000.00 |

| | | |
|---|---|---|
| **Income and Principal devoted to the publication of a history of the Hospital: —** | | |
| Bowditch History Fund, a bequest from N. I. Bowditch . . . . . | | $2,000.00 |
| **Income devoted to Amusements at the Asylum: —** | | |
| Amusement Fund, $5,000 a bequest from Miss Mary Louisa Shaw, $5,000 a donation from Mrs. Quincy A. Shaw and other ladies . . . . . | | 10,000.00 |
| **Income devoted to special Surgical Instruments: —** | | |
| Surgical Instrument Fund, a donation from Dr. H. J. Bigelow, $1,250; donation of Mr. R. M. Moore, $100; donation of Lydia B. & O. A. Taft, $100; donation of Chas. S. Bixby, $25 . | | 1,475.00 |
| **Wooden Leg Fund: —** | | |
| A bequest from N. I. Bowditch, $5,000; donation of P. K., $100. . . . . | | 5,100.00 |
| **Convalescent Home Fund . .** | $132,280.66 | |
| **Donation from George A. Gardner . . . . . .** | 5,000.00 | |
| **Donation from Miss Mary Russell . . . . . .** | 40.00 | |
| **Bequest of Elizabeth B. I. B. Dixwell . . . . . .** | 1,000.00 | |
| **Donation from Miss Helen C. Bradlee . . . . . .** | 500.00 | |
| | | 138,820.66 |
| **Permanent Free Beds: —** | | |
| Miss Marion Hovey . . . . . | $1,000.00 | |
| Mrs. Fanny H. Morse . . . . . | 1,000.00 | |
| *Amount carried forward* . . . . . | $2,000.00 | |

| | | |
|---|---|---|
| *Amount brought forward* | $20,00.00 | |
| Henry S. Hovey | 1,000.00 | |
| Edward Woodman | 1,000.00 | |
| Children of Mrs. Henry Winsor | 1,000.00 | |
| D. R. Whitney | 1,000.00 | |
| George Gardner | 1,000.00 | |
| Mrs. Nathaniel Thayer | 1,000.00 | |
| Edward F. Deland | 1,000.00 | |
| Mrs. Anna I. Phillips | 1,000.00 | |
| Miss Helen W. Faulkner | 1,000.00 | |
| Jordan, Marsh & Co. | 1,000.00 | |
| | | $12,000.00 |
| Redman Annuities | | 4,600.00 |
| Clara Barton Annuity | | 3,241.00 |
| Asylum Building Fund | | 236,608.18 |
| G. H. Gay Fund | | 7,705.23 |
| Dr. J. H. Whittemore Memorial Fund | | 33,720.00 |
| S. R. Urbino Fund | | 5,000.00 |
| Hibbard Occupation Fund | | 1,000.00 |
| Samuel Cabot Fund for Pathological Investigation | | 2,000.00 |
| Income devoted to Investigation in the Science of Medicine: — | | |
| John Call Dalton and Edward Barry Dalton Fund, a donation from Charles H. and Henry R. Dalton | | 10,000.00 |
| Add unused income at credit of | | |
| Warren Prize Fund | $669.51 | |
| Warren Library Fund | 879.62 | |
| Bowditch History Fund | 175.75 | |
| Surgical Instrument Fund | 1,482.01 | |
| Wooden Leg Fund | 22.69 | |
| Clara Barton Annuity | 388.92 | |
| Treadwell Library Fund | 77.66 | |
| Hibbard Occupation Fund | 200.00 | |
| Samuel Cabot Fund | 595.00 | |
| Dalton Fund | 400.00 | |
| | | 4,891.16 |
| Total of Restricted Funds | | $1,878,363.12 |

## TRIAL BALANCE, DECEMBER 31, 1891.

| *Dr.* | | *Cr.* | |
|---|---|---|---|
| Land and Buildings for Asylum | $320,794.75 | | |
| Land and Buildings for Hospital | 619,524.42 | | |
| Land and Improvements at Belmont | 91,595.11 | | |
| Annuities Receivable | 160,000.00 | | |
| Insurance Stock | 50,000.00 | | |
| Delaware Mutual Insurance Company's Scrip | 550.00 | | |
| Manufacturing Stocks | 47,400.00 | | |
| Bank Stocks | 84,200.00 | | |
| Railroad Stocks | 25,995.00 | | |
| Railroad Bonds | 430,400.00 | | |
| City and Town Bonds | 8,000.00 | | |
| Notes Receivable | 162,167.50 | | |
| Real Estate, Productive | 985,341.99 | | |
| Edward Cowles, Superintendent | 29,558.72 | | |
| John W. Pratt, Resident Physician | 25.89 | | |
| Balance, Cash, Dec. 31, 1891 | 9,028.51 | | |
| | $3,024,581.89 | | |
| Redman Fund | | $455,113.34 | |
| Warren Prize Fund | | 3,579.92 | $ 669.51 |
| Bowditch History Fund | | 2,000.00 | 175.75 |
| Wooden Leg Fund | | 5,100.00 | 22.69 |
| Clara Barton Annuity | | 3,241.00 | 388.92 |
| Surgical Instrument Fund | | 1,475.00 | 1,482.01 |
| Amusement Fund | | 10,000.00 | |
| Free Bed Funds | | 710,498.63 | |
| Warren Library Funds | | 1,000.00 | 879.62 |
| Asylum Beneficiaries Funds | | 90,010.00 | |
| Treadwell Library Funds | | 5,000.00 | 77.66 |
| Lincoln Fund | | 85,000.00 | |
| Funds with Income Unrestricted | | 50,000.00 | |
| Permanent Free Beds Fund | | 12,000.00 | |
| Asylum Building Fund | | 236,608.18 | |
| G. H. Gay Fund | | 7,705.23 | |
| Convalescent Fund | | 138,820.66 | |
| Dr. J. H. Whittemore Memorial Fund | | 33,720.00 | |
| S. R. Urbino Fund | | 5,000.00 | |
| Samuel Cabot Fund | | 2,000.00 | 595.00 |
| Hibbard Occupation Fund | | 1,000.00 | 200.00 |
| Redman Annuities | | 4,600.00 | |
| General Fund | | 1,136,918.77 | |
| Notes Payable | | 4,500.00 | |
| Subscribers to Free Beds for 1892 | | 4,800.00 | |
| Dalton Fund | | 10,000.00 | 400.00 |
| | | $3,019,690.73 | $4,891.16 |
| | | 4,891.16 | |
| | | $3,024,581.89 | |

Property on hand belonging to the Corporation invested as follows: —

INVESTMENTS PRODUCING NO INCOME.

| | | |
|---|---|---|
| Hospital: Land and Buildings occupied for Hospital | $619,524.42 | |
| Resident Physician's balance | 25.89 | |
| Convalescent Home: Land and Buildings at Belmont | 91,595.11 | |
| Asylum: Land and Buildings occupied for Asylum | 320,794.75 | |
| Superintendent's balance | 29,558.72 | |
| | | $1,061,498.89 |

INVESTMENTS PRODUCING INCOME.

| | |
|---|---|
| Policies Mass. Hospital Life Ins. Co. | $160,000.00 |
| 500 shares Mass. Hospital Life Ins. Co. | 50,000.00 |
| $50,000 Eastern Railroad Co. 6 per cent. Bonds | 50,000.00 |
| $5,000 Boston & Albany Railroad Co. 7 per cent. Bonds | 5,000.00 |
| $60,000 Chicago, Bur. & Quincy R. R. 7 per cent. Bonds | 60,000.00 |
| $52,000 Chicago, Bur. & Quincy R. R. 5 per cent. Bonds | 52,000.00 |
| $10,000 Chicago, Bur. & Quincy R. R. 4 per cent. Bonds | 10,000.00 |
| $10,000 Chicago, Bur. & Northern R. R. 6 per cent. Bonds | 10,000.00 |
| $210,000 Atch., Topeka & Santa Fe R. R. 4 per cent. Bonds | 168,000.00 |
| $37,400 Bur. & Mo. River in Neb. R. R. non-ex. 6 per cent. Bonds | 37,400.00 |
| $4,000 Cedar Rapids & Mo. River R. R. 7 per cent. Bonds | 4,000.00 |
| $5,000 Bur., Cedar Rapids & Northern R. R. 5 per cent. Bonds | 5,000.00 |
| $3,000 Ft. Scott, So. Eastern & Mem. R. R. 7 per cent. Bonds | 3,000.00 |
| $10,000 Fremont, Elkhorn & Mo. Valley R. R. 6 per cent. Bonds | 10,000.00 |
| $16,000 Old Colony Steamboat 6 per cent. Bonds | 16,000.00 |
| $2,000 City of Providence 5 per cent. Bonds | 2,000.00 |
| $6,000 City of Kansas 8 per cent. Bonds | 6,000.00 |
| 100 Shares Old Colony R. R. Co. | 10,000.00 |
| 155 ,, Boston & Albany R. R. Co. | 15,500.00 |
| 40 ,, ,, ,, ,, ,, ,, ,, (part payment) | 495.00 |
| 14 ,, Merrimack Manufacturing Co. | 14,000.00 |
| 1 Share Appleton ,, ,, | 1,000.00 |
| 9 Shares Amory ,, ,, | 900.00 |
| 14 ,, Amoskeag ,, ,, | 14,000.00 |
| 25 ,, Great Falls ,, ,, | 2,500.00 |
| *Amount carried forward* | $706,700.00 |

| | | | |
|---|---|---|---|
| | | *Amount brought forward* | $706,700.00 |
| 5 | Shares | Boston Manufacturing Co. | 5,000.00 |
| 10 | ,, | Stark Mills ,, ,, | 10,000.00 |
| 100 | ,, | National Union Bank | 10,000.00 |
| 100 | ,, | Suffolk National Bank | 10,000.00 |
| 70 | ,, | Tremont ,, ,, | 7,000.00 |
| 25 | ,, | Old Boston ,, ,, | 2,500.00 |
| 87 | ,, | State ,, ,, | 8,700.00 |
| 100 | ,, | Columbian ,, ,, | 10,000.00 |
| 160 | ,, | Merchants' ,, ,, | 16,000.00 |
| 50 | ,, | New England National Bank | 5,000.00 |
| 100 | ,, | Massachusetts ,, ,, | 10,000.00 |
| 50 | ,, | Eagle ,, ,, | 5,000.00 |
| Land and Store, 17 Blackstone Street | | | 19,600.00 |
| ,, ,, ,, 168 Washington Street | | | 45,000.00 |
| ,, ,, House, 61 Dartmouth Street | | | 10,000.00 |
| Redman Estate, Washington Street | | | 106,000.00 |
| Building on Floral Place | | | 46,794.41 |
| Land and Stores, 496 to 500 Washington Street | | | 173,719.30 |
| Land and Houses on Warrenton Street | | | 26,700.00 |
| ,, ,, ,, ,, Chambers Street | | | 23,900.00 |
| ,, ,, ,, ,, Cross Street | | | 9,191.64 |
| ,, ,, House ,, Poplar Place | | | 2,500.00 |
| Union Block, Union and Marshall Streets | | | 66,875.00 |
| Real Estate, Fruit Street and vicinity | | | 99,201.49 |
| Land and Buildings on Washington and Kneeland Streets | | | 200,000.00 |
| Land and Buildings 830 Washington Street | | | 30,000.00 |
| Land and Buildings 273 and 275 Washington Street | | | 125,860.15 |
| Notes secured by Mortgage | | | 89,000.00 |
| ,, ,, ,, Collateral | | | 73,167.50 |
| Delaware Mutual Ins. Co. Scrip | | | 550.00 |
| Cash | | | 9,028.51 |
| | | Investments producing income | $1,963,083.00 |
| | | Investments producing no income | 1,061,498.89 |
| Total, foot of Trial Balance | | | $3,024,581.89 |

F. HAVEN, JR., *Treasurer.*

## TABLE OF THE EXPENSES OF THE HOSPITAL AND ASYLUM FOR TEN YEARS, 1882 TO 1891,

ORDINARY EXPENSES.

| Year. | Cost of Paying Patients. | Cost of Free Patients. | | Total Expenses of | | Average cost per week per patient. | | Cost over Board. | |
|---|---|---|---|---|---|---|---|---|---|
| | Hospital. | Hospital. | Convalescent Home. | Hospital. | Asylum. | Hospital. | Asylum. | Hospital. | Asylum. |
| 1882 | $12,947.98 | $95,642.45 | $8,928.82 | $117,519.25 | $138,518.26 | $12.43 | $17.02 | $95,684.95 | $18,172.21 |
| 1883 | 18,389.28 | 90,665.70 | 6,575.92 | 115,630.90 | 139,711.39 | 12.63 | 16.16 | 91,213.57 | 5,376.89 |
| 1884 | 21,476.00 | 101,954.31 | 6,873.69 | 130,304.00 | 139,201.67 | 14.75 | 16.00 | 107,974.18 | 2,612.02 |
| 1885 | 10,728.87 | 93,411.59 | 8,483.90 | 112,624.36 | 140,278.86 | 11.99 | 15.72 | 87,464.96 | ..... |
| 1886 | 13,423.09 | 99,054.20 | 10,831.84 | 123,309.13 | 144,374.33 | 12.50 | 15.94 | 96,986.71 | 5,805.42 |
| 1887 | 15,337.90 | 105,543.61 | 9,856.94 | 130,738.45 | 139,497.70 | 12.56 | 16.35 | 105,012.17 | 15,049.93 |
| 1888 | 15,594.88 | 119,634.59 | 10,785.86 | 146,015.33 | 139,178.98 | 13.47 | 15.98 | 112,220.05 | 7,788.28 |
| 1889 | 15,612.47 | 131,216.80 | 10,737.64 | 146,829.27 | 146,574.09 | 13.64 | 16.51 | 122,005.14 | 10,255.79 |
| 1890 | 15,477.68 | 112,249.71 | 10,263.22 | 127,727.39 | 152,219.98 | 12.41 | 16.83 | 98,289.40 | 13,769.98 |
| 1891 | 14,348.39 | 121,314.88 | 10,185.65 | 135,663.27 | 151,419.67 | 12.54 | 16.81 | 110,568.08 | 12,511.94 |

# ANNUAL REPORT OF THE RESIDENT PHYSICIAN.

TABLE No. 1.

**Number of Patients in the Hospital January 1, 1892.**

| | |
|---|---|
| Paying | 24 |
| Free | 182 |
| Total | 206 |

**Admitted from January 1, 1891, to January 1, 1892.**

| | *Males.* | *Females.* | *Total.* |
|---|---|---|---|
| Patients paying board | 246 | 179 | 425 |
| Patients paying board part of the time | 123 | 89 | 212 |
| Patients entirely free | 1,512 | 1,054 | 2,566 |
| | 1,881 | 1,322 | 3,203 |
| Medical | | | 1,171 |
| Surgical | | | 2,032 |
| Children | | | 52 |

Of these, 62 paid $50; 2 paid $35; 3 paid $25; 65 paid $21; 5 paid $15; 71 paid $14; 4 paid $12; 197 paid $10.50; 150 paid $10; 46 paid $7; 28 paid $5; 1 paid $4; 2 paid $3.50; 1 paid $3.25.

Whole number of patients treated during the year. paying, 449; paying part of the time, 212; free, 2,748; total, 3,409.

**Discharged during the Year.**

| | *Medical.* | *Surgical.* | *Male.* | *Female.* | *Total.* |
|---|---|---|---|---|---|
| Well | 448 | 949 | 827 | 573 | 1,400 |
| Much relieved | 241 | 36 | 135 | 142 | 277 |
| Relieved | 246 | 659 | 560 | 345 | 905 |
| Not relieved | 65 | 41 | 68 | 38 | 106 |
| Not treated | 34 | 191 | 92 | 133 | 225 |
| Dead | 117 | 154 | 191 | 77 | 268 |
| Insane and eloped | 4 | 3 | 5 | 2 | 7 |
| | 1,155 | 2,033 | 1,878 | 1,310 | 3,188 |

**Number of Patients remaining December 31, 1891.**

| | |
|---|---|
| Males | 115 |
| Females | 91 |
| Total | 206 |

Number of Patients remaining December 31, 1891.

| | |
|---|---|
| Paying | 24 |
| Free | 182 |
| Total | 206 |
| Medical | 81 |
| Surgical | 125 |
| Total | 206 |

Proportion of deaths to whole number of results, 8.40 per cent.

Number of patients received on account of accidents, 595.

The greatest number of paying patients at any one time was 36; in private rooms, 8; the greatest number of free patients, 204; the greatest total, 233. The least number of paying patients at any one time was 9; in private rooms, 1; the least of free, 158; the least total, 175.

The proportion of ward beds occupied by free patients was 81 per cent.; by paying patients, 19 per cent.

About 9.73 of the paying patients occupied private rooms. The average number of patients was 208: males, 118; females, 90.

The average number of paying patients was 22; Americans, 17; foreigners, 5.

The average number in private rooms, 3.

The average number of free patients was 186; Americans, 94; foreigners, 92.

The average time of paying patients was 2.66 weeks; and that of free patients, 3.76.

TABLE No. 2.

Residences.

| | |
|---|---|
| Boston | 963 |
| Massachusetts (excepting Boston) | 1,960 |
| Maine | 50 |
| New Hampshire and Vermont | 121 |
| Rhode Island and Connecticut | 43 |
| Other States | 46 |
| British Provinces | 20 |
| | 3,203 |

TABLE No. 3.

Birthplaces.

| | |
|---|---|
| Boston | 173 |
| Massachusetts (excepting Boston) | 964 |
| Maine | 183 |
| New Hampshire | 135 |
| Vermont | 54 |
| Rhode Island and Connecticut | 55 |
| New York | 39 |
| Southern and Western States | 60 |
| Total Americans | 1,663 |
| British Provinces | 380 |
| Great Britain | 198 |
| Ireland | 725 |
| Germany | 69 |
| Norway and Sweden | 68 |
| France | 9 |
| Switzerland | 6 |
| Italy | 25 |
| Other places | 60 |
| Total foreigners | 1,540 |

TABLE NO 4.

Occupations.

| *Males.* | *Paying.* | *Free.* | *Partial.* |
|---|---|---|---|
| Minors | 8 | 156 | 7 |
| Mechanics | 61 | 349 | 35 |
| Laborers | 9 | 380 | 16 |
| Farmers | 21 | 76 | 13 |
| Seamen | 14 | 68 | 10 |
| Clerks | 26 | 107 | 13 |
| Teamsters | 10 | 71 | 7 |
| Traders | 25 | 74 | 13 |
| Servants | 11 | 72 | 9 |
| Lawyers | 6 | 3 | |
| Clergymen | 6 | 6 | |
| Physicians | 5 | 3 | |
| Merchants | 31 | 60 | |
| Students | 10 | 31 | |
| Other professions | 4 | 100 | |
| | 247 | 1,511 | 123 |

Total males, 1,881. Of these 49 were in private rooms.

Occupations.

| *Females.* | *Paying.* | *Free.* | *Partial.* |
|---|---|---|---|
| Minors | 9 | 87 | 5 |
| Domestics | 11 | 316 | 12 |
| Wives | 115 | 390 | 38 |
| Widows | 10 | 50 | 19 |

Occupations.

| *Females.* | *Paying.* | *Free.* | *Partial.* |
|---|---|---|---|
| Seamstresses | 4 | 21 | 4 |
| Spinsters | 4 | 14 | |
| Operatives | 4 | 31 | |
| Teachers | | 13 | |
| Clerks | 3 | 41 | |
| Nurses | 3 | 21 | |
| Other professions | 16 | 71 | 11 |
| | 179 | 1,055 | 89 |

Total females, 1,323. Of these 13 were in private rooms.

TABLE NO. 5.

Out-patients.

| | |
|---|---|
| Number of new patients | 25,819 |
| Men | 11,726 |
| Women | 9,681 |
| Children | 4,412 |
| Americans | 12,701 |
| Foreigners | 13,118 |
| Residents of Boston | 12,941 |
| Of other places | 12,878 |
| Medical department for women | 4,830 |
| Medical department for men and children | 5,006 |
| Surgical department | 8,805 |
| Ophthalmic department | 957 |
| Department for diseases of skin | 2,776 |
| Department for diseases of nervous system | 1,134 |
| Department for diseases of the throat | 2,311 |

Total attendance, 49,032.

Average daily attendance, 163.

| | |
|---|---|
| Number of applicants | 20,229 |
| Number admitted | 18,851 |
| Number refused | 347 |
| Number sent to physician's office | 1,031 |
| Number visited | 1,231 |
| Number visited, correct statement | 805 |
| Number visited, incorrect statement | 426 |

TABLE NO. 6.

Convalescent Home.

| | |
|---|---|
| Admitted in 1888 | 397 |
| Admitted in 1889 | 431 |
| Admitted in 1890 | 367 |

| | *Males.* | *Females.* | *Total.* |
|---|---|---|---|
| Remaining Jan. 1, 1891 | 12 | 6 | 18 |
| Admitted during 1891 | 227 | 141 | 368 |
| Total | 239 | 147 | 386 |
| Discharged | 228 | 137 | 365 |
| Remaining Jan. 1, 1892 | 11 | 10 | 21 |

## TABLE No. 7.

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE MASSACHUSETTS GENERAL HOSPITAL, FROM JANUARY 1, 1882, TO DECEMBER 31, 1891.

| Year. | Total admitted. | Free. | Paying board all the time. | Paying part of the time. | Whole number treated. | | | Discharged well. | Percentage on "Total admitted." | Much relieved, or relieved in part. | Not relieved. | Not treated, unfit, dismissed, etc. | Deaths. | Percentage on "Total admitted." | Greatest number free at one time. | Greatest number paying at one time. | Greatest total. | Least total. | Average. | Accidents. | Average time of paying weeks. | Average time of free weeks. | Patients remaining under treatment Dec. 31. | | Out-patients treated. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Paying board. | Paying board part of time. | Free. | | | | | | | | | | | | | | | | Paying. | Free. | |
| 1882 | 2147 | 1736 | 399 | 12 | 414 | 12 | 1876 | 1312 | 61 | 463 | 59 | 13 | 177 | 8 13 | 167 | 35 | 195 | 143 | 168 | 348 | 2.84 | 4.41 | 24 | 141 | 16304 |
| 1883 | 2020 | 1492 | 449 | 79 | 473 | 79 | 1633 | 1286 | 63 | 378 | 61 | 108 | 181 | 8.93 | 168 | 49 | 189 | 143 | 168 | 432 | 2.75 | 4.80 | 32 | 128 | 7102* |
| 1884 | 2096 | 1667 | 382 | 47 | 448 | 47 | 1815 | 1318 | 62 | 367 | 68 | 137 | 191 | 9.11 | 159 | 40 | 186 | 129 | 165 | 397 | 3. | 4.14 | 19 | 148 | 14824 |
| 1885 | 2327 | 1910 | 371 | 46 | 382 | 46 | 2044 | 1584 | 68 | 361 | 73 | 129 | 192 | 8.25 | 166 | 26 | 184 | 147 | 167 | 443 | 2.38 | 4.08 | 11 | 134 | 17016 |
| 1886 | 2580 | 2124 | 392 | 64 | 409 | 64 | 2283 | 1689 | 65 | 411 | 64 | 175 | 192 | 7.44 | 178 | 30 | 206 | 133 | 173 | 471 | 2.78 | 3.72 | 17 | 159 | 17925 |
| 1887 | 2814 | 2340 | 429 | 45 | 447 | 45 | 2523 | 1694 | 60 | 565 | 89 | 173 | 245 | 8.70 | 196 | 40 | 217 | 150 | 185 | 490 | 2.90 | 3.57 | 18 | 183 | 18981 |
| 1888 | 3256 | 2549 | 553 | 154 | 570 | 154 | 2731 | 2021 | 61 | 640 | 100 | 210 | 277 | 8.50 | 194 | 42 | 215 | 156 | 193 | 496 | 2.16 | 3.46 | 17 | 182 | 19472 |
| 1889 | 3419 | 2825 | 500 | 94 | 514 | 94 | 3016 | 2034 | 59 | 669 | 110 | 300 | 285 | 8.33 | 205 | 29 | 227 | 170 | 207 | 530 | 2.28 | 3.40 | 14 | 191 | 22939 |
| 1890 | 3381 | 2546 | 581 | 254 | 599 | 254 | 2719 | 1880 | 55 | 874 | 101 | 241 | 278 | 8.13 | 200 | 37 | 225 | 158 | 198 | 601 | 2.14 | 3.55 | 18 | 173 | 22545 |
| 1891 | 3203 | 2566 | 425 | 212 | 449 | 212 | 2748 | 1400 | 43 | 1182 | 106 | 225 | 268 | 8.36 | 204 | 36 | 233 | 175 | 208 | 595 | 2.69 | 3.76 | 24 | 182 | ..... |

*Out-patient Department open only five months.

Total of patients in wards, from the year 1821, 83,753.

Total of out-patients, 411,369.

TABLE No. 8.

TABLE SHOWING THE COST OF THE PRINCIPAL STORES AT THE MASSACHUSETTS GENERAL HOSPITAL.

| Articles. | 1889. | | | 1890. | | | 1891. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. |
| Beef, Sirloin, lbs. | 11,703 | $2,171.52 | .18 | 10,740 | $2,176.92 | .20 | 8,675 | $1,953.10 | .22½ |
| ,, Corned, ,, | 7,886 | 551.42 | .07 | 8,291 | 570.00 | .06¾ | 8,511 | 666.46 | .07¾ |
| ,, Round, ,, | 37,530 | 2,684.10 | .07 | 35,902 | 2,600.76 | .07 | 35,479 | 2,838.08 | 07¾ |
| ,, Rump, ,, | ..... | ..... | .... | ..... | ..... | .... | ..... | ..... | .... |
| ,, Roasting, ,, | 18,750 | 1,745.45 | .09 | 18,290 | 1,662.88 | .09 | 18,460 | 1,882.20 | .10 |
| Mutton . . . ,, | 13,658 | 1,554.94 | .11⅜ | 12,886 | 1,490.28 | .11 | 12,504 | 1,449.67 | .11¾ |
| Poultry . . . ,, | 17,294 | 2,925.32 | .16⅜ | 15,339 | 2,303.71 | .15 | 15,196 | 2,219.53 | .14 |
| Butter . . . ,, | 15,721 | 4,268.10 | .27 | 15,130 | 3,969.63 | .26⅜ | 16,315 | 4,474.38 | .27½ |
| Eggs . . . doz. | 12,104 | 3,243.48 | .26¾ | 11,959 | 3,289.27 | .27½ | 11,961 | 3,001.98 | .25½ |
| Flour . . . bbls. | 106 | 731.90 | 6.90 | 107 | 647.50 | 6.05 | 113 | 690.45 | 6.11 |
| Bread . . lbs. | 35,080 | 1,929.42 | .055 | 33,560 | 1,845.81 | .05½ | 38,705 | 2,128.78 | 1.055 |
| Ice . . . . tons | 486.35 | 1,738.18 | 3.55 | 268,097 | 1,362.31 | 5.08 | 282.69 | 565.39 | 2.00 |
| Sugar . . . lbs. | 26.840 | 2,206.11 | .08 | 28,165 | 1,853.38 | .06¾ | 28,140 | 1,404.34 | .049¾ |
| Tea . . . . lbs. | 1,272¼ | 512.32 | .40 | 1,270 | 471.88 | .37 | 1,193 | 410.36 | .34 |
| Milk . . . qts. | 153,984½ | 8,128.55 | .055 | 151,477 | 7,771.94 | .051 | 171,418 | 7,821.21 | .045 |
| Potatoes . . bush. | 1,232½ | 1,087.64 | .88 | 1,280 | 1,476.52 | 1.15 | 1,200 | 1,383.93 | 1.15 |

The Young Men's Christian Union gave us twenty-five rides, taking out two hundred patients.

Respectfully submitted,

JOHN W. PRATT,

*Resident Physician.*

BOSTON, Jan. 1, 1892.

The Massachusetts General Hospital is a private, not a public institution.

Applications for admission of patients must be made at the Hospital on Blossom Street, Boston, on week-days, between the hours of 9 and 11 A. M. and 2 and 3 P. M.

Recent accidents admitted at all hours.

Out-patients received between 9 and 10 A. M., week-days only.

Applications from a distance must be made in writing, accompanied by a full description of the case by the attending physician, and, when a Free Bed is desired, by a statement of the pecuniary condition of the patient, and a reply should be awaited before sending the patient.

Contagious and chronic diseases are not admitted.

Regular charges to paying patients are as follows: in the Jackson Ward (private), $50 per week; in small room in the Townsend and Bigelow Wards, $25 per week; in the General Wards, $10 per week.

These rates, covering only expenses of board and lodging, may be increased or abated in individual cases by the Resident Physician.

An ambulance, accompanied by a medical officer, will be dispatched to any point within the city proper for the conveyance of cases of *accident* or *urgent sudden sickness, not contagious*, to this Hospital, or elsewhere, upon notice from a physician, the police, or other responsible source, subject to the approval of the undersigned.

In cases requiring gratuitous treatment, no charge will be made.

JOHN W. PRATT,
*Resident Physician.*

## Rules for the Dalton Scholarship established under the John Call Dalton and Edward Barry Dalton Fund for promoting Investigation in the Science of Medicine.

*Article I.* Candidates shall be nominated to the Board of Trustees by the Hospital Staff, with recommendations for the information of the Board. They shall be either House Pupils of the Hospital or graduates of a regular American Medical College.

*Art. II.* The nature of the work in medical investigation proposed to be prosecuted by each candidate shall be designated.

*Art. III.* Scholars shall be appointed by the Board from among the candidates named.

*Art. IV.* Scholars shall be under the supervision of the Staff, and the Staff shall, whenever it thinks desirable, report to the Board any dissatisfaction it may feel as to the work or methods of scholars, and the Board may act in the premises as in the case of House Pupils.

*Art. V.* The results of work of scholars shall appertain to the Hospital; and when made public, the name of the scholar shall accompany the publication; but no publication shall be made unless recommended by the Staff and approved by the Board.

*Art. VI.* Should the work of a scholar extend through a part of a year only, he shall be entitled to a proportionate share of income.

*Art. VII.* When the income is insufficient, appointments for the year may be omitted.

*Art. VIII.* Any income not used shall be cumulative and not added to the principal.

*Art. IX.* Scholars shall be eligible for renomination and reappointment.

# ANNUAL REPORT (SEVENTY-FOURTH)

OF THE

## SUPERINTENDENT OF THE McLEAN ASYLUM.

The following report, with tabular statements relating to the number and condition of the patients treated in the Asylum during the year 1891, is respectfully presented:—

TABLE No. 1.

GENERAL STATISTICS OF THE YEAR.

| | Males. | Females. | Total. |
|---|---|---|---|
| Patients in the Asylum, Jan. 1, 1891 . . . | 88 | 96 | 184 |
| Admissions within the year . . . . . | 53 | 66 | 119 |
| Whole number of *cases* within the year . . | 141 | 162 | 303 |
| Discharged within the year . . . . . | 56 | 69 | 125 |
| Namely,— as Recovered . . . . . | 16 | 17 | 33 |
| Much improved . . . . . | 8 | 14 | 22 |
| Improved . . . . . | 9 | 9 | 18 |
| Unimproved . . . . . | 10 | 18 | 28 |
| Not insane . . . . . | 3 | 1 | 4 |
| Deaths . . . . . | 10 | 10 | 20 |
| Patients remaining Dec. 31, 1891, supported as private patients, . . . | 85 | 93 | 178 |
| Number of different *persons* within the year, | 137 | 161 | 298 |
| ,, ,, ,, ,, admitted . . . | 51 | 65 | 116 |
| ,, ,, ,, ,, recovered . . | 15 | 18 | 33 |
| Daily average number of patients . . . . | 83.05 | 88.58 | 171.63 |

During the year, one man was admitted three times and one woman twice. Two men present at the beginning of the year were discharged and re-admitted. Thus there were three hundred and three cases treated, representing two hundred and ninety-eight persons.

Of the one hundred and sixteen persons admitted during the year, sixty-four were regarded as recent cases, and fifty-two as chronic, or incurable.

Eighty-nine persons, thirty-nine men and fifty women, had never been in any hospital. Of the remaining twenty-seven persons, seventeen, four men and thirteen women, were admitted for the second time; seven persons, six men and one woman, for the third time; three persons, one man and two women, for the fourth time; and one man for the twenty-seventh, twenty-eighth, and twenty-ninth times.

In 1891 there were four less admissions, twelve more discharges, and six more cases under treatment than during the year 1890; and the number present was six less at the end than at the beginning of the year.

Of the one hundred and twenty-four persons discharged, including deaths, eighteen, six men and twelve women, were transferred or committed to other hospitals in this State, and two men and one woman to hospitals in other States.

Of the thirty-three persons discharged recovered, twenty had never before been inmates of any hospital; and of the remaining thirteen persons, ten had been in this Asylum, one in a private asylum in this State, and two in State asylums. These thirteen persons had previously made fifteen recoveries.

The average duration of illness from the beginning of attack in all cases recovered was 12.35 months, and the average duration of their residence in the Asylum was 6.58 months.

The percentage of recoveries on all admissions, of persons accounted as insane, for the year 1891, was 28.45. The medical work of the year maintained the activity of recent years.

The voluntary cases admitted during the year numbered forty. These represented thirty-nine persons,— ten men and twenty-nine women. Of these, twenty-seven were cases of melancholia, three of

mania, three of delusional insanity, one of secondary dementia, two of paralytic, one of epileptic insanity, and two of general paralysis. Of these thirty-nine persons, four were committed after entering the Asylum as voluntary cases, and one was twice admitted as a voluntary case. The forty voluntary cases admitted during the year with forty-one such cases remaining from previous years furnished eleven recoveries. Thus the voluntary patients have yielded 28.2 per cent. of recoveries on the admissions of that class for 1891, thus furnishing only their due proportion of all the recoveries. Of this class, six other cases were discharged much improved, ten improved, six not improved, four not insane, and one dead. The total remaining under the voluntary relation at the end of the year is thirty-nine persons, seventeen men and twenty-two women.

The number of persons admitted as voluntary patients under the present law is as follows: namely, 1881, 1; 1882, 11; 1883, 33; 1884, 49; 1885, 34; 1886, 29; 1887, 29; 1888, 34; 1889, 41; 1890, 58; 1891, 40; — a total of 359 persons in eleven years.

There is much significance in the fact that nearly three fourths of the voluntary patients in the last year were cases of melancholia. This presents the least serious degree of mental disorder; there is retention of intelligence that leads to the seeking or acceptance of remedial conditions in hospital care, and the doubtful cases, for whom preventive aid is most salutary, are mainly to be found in this stage of mental disease. The voluntary cases constituted almost exactly one third of the admissions for the year, while nearly one half in the previous year were voluntary.

A number of interesting facts are brought out by these results of the year's work, that help to explain each other. There were not so many strictly recent

cases as in 1890,— the average duration of illness of recovered cases was 12.35 months against an average of 8.31 months in the previous year,— the average hospital residence of these cases was one month longer, and the proportion of recoveries to the cases admitted was less. Consistent with these results is the lessening in number of voluntary cases, and evidence of the general fact is shown that the wards were filled with sicker people than in the year before, who were the subjects of active hospital care. There is apparent an increasing tendency to confide to the Asylum the care of elderly people whose bodily and mental troubles can be alleviated by the assiduous attentions of trained nurses Such cases are the proper subjects of the best hospital work that can be done for them, although recovery is rarely to be hoped for.

The work of the Laboratory for pathological and experimental investigations has been pursued steadily during the year. The latter work, with reference to its clinical relations, has grown more interesting and gives increasing promise of its value. The progress of such work is, from its nature, slow, but some special results are about to be published in an article by Dr. Noyes in the forthcoming number of the *American Journal of Psychology*. The general bearing of the work is in the direction of an elucidation of the phenomena attendant upon conditions of debility and fatigue of the nervous system, including vaso-motor variations and the periodical mental states of exaltation and depression in certain cases of mental disease. A series of investigations has also been begun in chemical pathology, the present purpose being an inquiry, through urinary analysis, as to the relations between certain common mental symptoms and toxic influences resulting from disorders of nutrition and

elimination. The general purpose of this extension of the laboratory work, in connection with clinical observations, is to better determine the therapeutic measures applicable to the relief of mental disease. The opportunities for strictly pathological investigations presenting special interest have been unusually limited during the year but the work has been kept up. It is intended to publish the reports of the Laboratory work in the form of papers on special subjects, from time to time.

A special report of the Training School for Nurses will be found in the Appendix. The purposes of the school are stated, the course of instruction, and how to make application for admission.

The men's gymnasium, after a year's use, has proved to be of great value as an addition to the means of recreation. Its convenience of access from the wards, its rooms for reading, smoking, and cards, billiards, and bowling, are regularly frequented by day and evening. It is practically a gentlemen's club.

The men in the Training School for Nurses form classes in physical training, under the charge of a competent instructor in the Swedish system, and the work is developing in the direction of the more extended employment among the patients of general and medical gymnastics as a means of treatment. In the women's gymnasium similar results continue to be gained, as they have been during the last four years. The patients derive both benefit and entertainment from the gymnastics adapted to their needs, either in classes or individually. The teachers for both men and women are from the Boston Normal School of Gymnastics.

It may be said of the methods that have been introduced here for improvement in medical and scientific work, that while they are good in themselves for their

present effects, they have been undertaken under certain difficulties of limited space, appliances, etc., in a tentative and experimental way. The idea is to determine by such experiments, how to plan the new buildings at Belmont to best suit them for all these purposes. The general end in view is obvious as to the improvement of the medical and nursing service, and of construction, etc., to best meet modern requirements. As a special example of this it can now be seen how a more effective laboratory might be built. Each gymnasium also should be made larger and more attractive as a place for entertainment and pleasant occupation. Each of these should be well fitted with appliances for the practice of physical exercise, and with complete bathing arrangements, including the Turkish bath, etc., for all the special purposes of a hospital for nervous and mental diseases. While there is a greatly increasing need of new buildings, in a better place, for all the obvious requirements of such a hospital, the opportunity is anxiously awaited for the development of the newer methods of scientific work now being suggested by the progress of the time to all who are engaged in this department of medicine.

It is a pleasure to make the annual acknowledgment of favors and benefits received from our friends whose kind interest and sympathy are appreciated with sincere gratitude by our patients and all who have the duty of caring for them.

Very respectfully,

EDWARD COWLES,

*Medical Superintendent.*

TABLE No. 2.

MONTHLY ADMISSIONS, DISCHARGES, AND AVERAGES.

| Months. | Admissions. | | | Discharges (including Deaths). | | | Daily Average of Patients in the House. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| January . . | 5 | 2 | 7 | 3 | 3 | 6 | 85.84 | 92.55 | 178.39 |
| February . . | 3 | 6 | 9 | 1 | 4 | 5 | 86.50 | 91.64 | 178.14 |
| March . . . | 9 | 6 | 15 | 4 | 8 | 12 | 90.68 | 90.71 | 181.39 |
| April . . . | 4 | 3 | 7 | 6 | 7 | 13 | 89.60 | 86.73 | 176.33 |
| May . . . . | 3 | 4 | 7 | 6 | 5 | 11 | 84.16 | 84.52 | 168.68 |
| June . . . | 4 | 10 | 14 | 8 | 4 | 12 | 81.73 | 86.43 | 168.16 |
| July . . . | 3 | 9 | 12 | 4 | 7 | 11 | 80.39 | 88.32 | 168.71 |
| August . . | 4 | 3 | 7 | 6 | 4 | 10 | 79.84 | 89.16 | 169.00 |
| September . | 2 | 7 | 9 | 3 | 12 | 15 | 78.37 | 86.87 | 165.24 |
| October . . | 4 | 7 | 11 | 4 | 3 | 7 | 76.55 | 85.35 | 161.90 |
| November . | 8 | 6 | 14 | 6 | 6 | 12 | 82.13 | 90.77 | 172.90 |
| December . | 4 | 3 | 7 | 5 | 6 | 11 | 80.90 | 89.90 | 170.80 |
| Total *cases* . | 53 | 66 | 119 | 56 | 69 | 125 | 83.05 | 88.58 | 171.63 |
| Total *persons* | 51 | 65 | 116 | 55 | 69 | 124 | ..... | ..... | ..... |

TABLE No. 3.

RECEIVED ON FIRST AND SUBSEQUENT ADMISSIONS.

| Number of the Admission. | Cases admitted. | | | Times previously recovered. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| First . . . . . | 39 | 50 | 89 | 1 | 3 | 4 |
| Second . . . . . | 4 | 13 | 17 | .... | 11 | 11 |
| Third . . . . . | 6 | 1 | 7 | 7 | .... | 7 |
| Fourth . . . . . | 1 | 2 | 3 | 3 | 3 | 6 |
| Twenty-seventh . . | 1 | .... | 1 | .... | .... | .... |
| Twenty-eighth . . | 1 | .... | 1 | .... | .... | .... |
| Twenty-ninth . . | 1 | .... | 1 | 26 | .... | 26 |
| Total of *cases* . . | 53 | 66 | 119 | 37 | 17 | 54 |
| Total of *persons* . | 51 | 65 | 116 | .... | .... | .... |

These 54 recoveries represent 21 persons, 14 having recovered one, 4 two, 2 three, and 1 twenty-six times.

TABLE No. 4.

AGES OF PERSONS ADMITTED FOR THE FIRST TIME.

| Ages. | At first attack of Insanity. | | | When Admitted. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| Congenital, | .. | .. | .. | .. | .. | .. |
| From 15 to 20 years, | 3 | 4 | 7 | 2 | 2 | 4 |
| ,, 20 ,, 25 ,, | 3 | 3 | 6 | 2 | 3 | 5 |
| ,, 25 ,, 30 ,, | 2 | 2 | 4 | 3 | 3 | 6 |
| ,, 30 ,, 35 ,, | 5 | 8 | 13 | 5 | 8 | 13 |
| ,, 35 ,, 40 ,, | 6 | 8 | 14 | 7 | 7 | 14 |
| ,, 40 ,, 50 ,, | 7 | 10 | 17 | 7 | 10 | 17 |
| ,, 50 ,, 60 ,, | 2 | 7 | 9 | 2 | 8 | 10 |
| ,, 60 ,, 70 ,, | 7 | 5 | 12 | 6 | 6 | 12 |
| ,, 70 ,, 80 ,, | 4 | 3 | 7 | 5 | 3 | 8 |
| Total of *persons* . . | 39 | 50 | 89 | 39 | 50 | 89 |

## TABLE No. 5.

### PARENTAGE OF PERSONS ADMITTED.

| Place of Nativity. | Males. | | Females. | | Total. | |
|---|---|---|---|---|---|---|
| | Father. | Mother. | Father. | Mother. | Father. | Mother. |
| Maine | 10 | 10 | 5 | 7 | 15 | 17 |
| New Hampshire | 8 | 8 | 12 | 9 | 20 | 17 |
| Vermont | 3 | 2 | 1 | 1 | 4 | 3 |
| Massachusetts | 13 | 14 | 25 | 25 | 38 | 39 |
| Rhode Island | 1 | 1 | .. | .. | 1 | 1 |
| Connecticut | .. | .. | 1 | 1 | 1 | 1 |
| New York | 3 | 3 | 2 | 3 | 5 | 6 |
| District of Columbia | .. | .. | .. | 1 | .. | 1 |
| Virginia | .. | .. | 1 | .. | 1 | .. |
| Illinois | .. | .. | 1 | 2 | 1 | 2 |
| Sweden | 1 | 1 | .. | .. | 1 | 1 |
| England | 1 | 1 | .. | .. | 1 | 1 |
| Ireland | 5 | 5 | 6 | 6 | 11 | 11 |
| Nova Scotia | 1 | 1 | 4 | 5 | 5 | 6 |
| New Brunswick | 1 | 1 | 1 | 1 | 2 | 2 |
| Canada | .. | .. | 1 | 1 | 1 | 1 |
| Scotland | 1 | 1 | 1 | 1 | 2 | 2 |
| Germany | 2 | 2 | 3 | 2 | 5 | 4 |
| France | 1 | 1 | .. | .. | 1 | 1 |
| India | .. | .. | 1 | .. | 1 | .. |
| Total of *persons* | 51 | 51 | 65 | 65 | 116 | 116 |

## TABLE No. 6.

### RESIDENCE OF PERSONS ADMITTED.

| Places. | Males. | Females. | Total. |
|---|---|---|---|
| Massachusetts:— | | | |
| Suffolk County | 11 | 18 | 29 |
| Middlesex County | 23 | 21 | 44 |
| Essex County | 2 | 4 | 6 |
| Norfolk County | 5 | 3 | 8 |
| Plymouth County | 3 | 3 | 6 |
| Worcester County | .. | 2 | 2 |
| Duke's County | .. | 1 | 1 |
| Hampden County | .. | 1 | 1 |
| Maine | 3 | 2 | 5 |
| New Hampshire | 1 | 2 | 3 |
| Vermont | 3 | .. | 3 |
| Rhode Island | 1 | 1 | 2 |
| Connecticut | .. | 2 | 2 |
| New York | 1 | 2 | 3 |
| Pennsylvania | .. | 2 | 2 |
| Illinois | .. | 1 | 1 |
| Nova Scotia | .. | 1 | 1 |
| Total of *cases* | 53 | 66 | 119 |
| Total of *persons* | 51 | 65 | 116 |

## TABLE No. 7.

CIVIL CONDITIONS OF PERSONS ADMITTED.

| Number of the Admission. | Unmarried. | | | Married. | | | Widowed. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| First | 13 | 19 | 32 | 23 | 20 | 43 | 3 | 11 | 14 |
| Second | 2 | 6 | 8 | 2 | 4 | 6 | .. | 3 | 3 |
| Third | 3 | 1 | 4 | 3 | .. | 3 | .. | .. | .. |
| Fourth | 1 | 2 | 3 | .. | .. | .. | .. | .. | .. |
| Twenty-seventh | 1 | .. | 1 | .. | .. | .. | .. | .. | .. |
| Twenty-eighth | 1 | .. | 1 | .. | .. | .. | .. | .. | .. |
| Twenty-ninth | 1 | .. | 1 | .. | .. | .. | .. | .. | .. |
| Total *cases* | 22 | 28 | 50 | 28 | 24 | 52 | 3 | 14 | 17 |
| Total *persons* | 20 | 27 | 47 | 28 | 24 | 52 | 3 | 14 | 17 |

## TABLE No. 8.

OCCUPATIONS OF PERSONS ADMITTED.

| Occupations. | Males. | Females. | Total. |
|---|---|---|---|
| Housewife | .. | 34 | 34 |
| Clerk | 4 | 3 | 7 |
| Manufacturer | 2 | .. | 2 |
| Farmer | 4 | .. | 4 |
| Florist | 1 | .. | 1 |
| Teacher | 2 | 5 | 7 |
| Lawyer | 1 | .. | 1 |
| Physician | 2 | .. | 2 |
| Student | 2 | .. | 2 |
| Civil Engineer | 1 | .. | 1 |
| Merchant | 6 | .. | 6 |
| Broker | 1 | .. | 1 |
| Printer | 1 | .. | 1 |
| Painter | 1 | .. | 1 |
| Druggist | 1 | .. | 1 |
| Actor | 1 | .. | 1 |
| Hotel-keeper | 2 | .. | 2 |
| Artist | .. | 1 | 1 |
| Constable | 1 | .. | 1 |
| Concreter | 1 | .. | 1 |
| Overseer stone works | 1 | .. | 1 |
| Shoemaker | 1 | .. | 1 |
| Weaver | .. | 1 | 1 |
| Fireman | 1 | .. | 1 |
| Janitor | 1 | .. | 1 |
| Teamster | 2 | .. | 2 |
| Sailor | 1 | .. | 1 |
| Seamstress | .. | 2 | 2 |
| Laborer | 2 | .. | 2 |
| No occupation | 8 | 19 | 27 |
| Total of *persons* | 51 | 65 | 116 |

## TABLE No. 9.

REPORTED DURATION OF INSANITY BEFORE LAST ADMISSION.

| Previous Duration. | First Admission to any Hospital. | | | All other Admissions. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Congenital . | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Under 1 mo. . | 11 | 10 | 21 | 5 | 3 | 8 | 16 | 13 | 29 |
| Fr. 1 to 3 mo., | 5 | 16 | 21 | 1 | 2 | 3 | 6 | 18 | 24 |
| ,, 3 ,, 6 ,, | 10 | 5 | 15 | 1 | 4 | 5 | 11 | 9 | 20 |
| ,, 6 ,,12 ,, | 4 | 4 | 8 | .. | 2 | 2 | 4 | 6 | 10 |
| ,, 1 ,, 2 yrs., | 1 | 7 | 8 | 3 | 3 | 6 | 4 | 10 | 14 |
| ,, 2 ,, 5 ,, | 6 | 6 | 12 | 1 | 1 | 2 | 7 | 7 | 14 |
| ,, 5 ,,10 ,, | 1 | 1 | 2 | 2 | .. | 2 | 3 | 1 | 4 |
| ,,10 ,,20 ,, | 1 | 1 | 2 | .. | 1 | 1 | 1 | 2 | 3 |
| ,,20 ,,25 ,, | .. | .. | .. | 1 | .. | 1 | 1 | .. | 1 |
| Total *cases* . | 39 | 50 | 89 | 14 | 16 | 30 | 53 | 66 | 119 |
| Total *persons* | .. | .. | .. | 12 | 15 | 27 | 51 | 65 | 116 |
| Average of known persons (in years), | 1.01 | .98 | .99 | 3.38 | 1.31 | 2.23 | | | |

## TABLE No. 10.

FORM OF DISEASE IN THE CASES ADMITTED.

| Form of Disease. | Males. | Females. | Total. |
|---|---|---|---|
| Melancholia, acute . . . . . | 12 | 30 | 42 |
| Melancholia, chronic . . . . . | .. | 7 | 7 |
| Mania, acute . . . . . | 17 | 13 | 30 |
| Mania, recurrent . . . . . | .. | 1 | 1 |
| Toxic Insanity . . . . . | 1 | .. | 1 |
| Delusional Insanity . . . . . | 3 | 4 | 7 |
| Paralytic Insanity . . . . . | 1 | 2 | 3 |
| Senile Insanity . . . . . | 5 | 3 | 8 |
| Epileptic Insanity . . . . . | 1 | .. | 1 |
| Dementia, primary . . . . . | 2 | 1 | 3 |
| Dementia, secondary . . . . . | 2 | 2 | 4 |
| General Paralysis . . . . . | 8 | 2 | 10 |
| Hebephrenia . . . . . | 1 | 1 | 2 |
| Total of *cases* . . . . . | 53 | 66 | 119 |
| Total of *persons* . . . . . | 51 | 65 | 116 |

TABLE No. 11.

ALLEGED CAUSES OF INSANITY IN PERSONS ADMITTED.

| Causes. | Males. | Females. | Total. |
|---|---|---|---|
| *Mental.* | | | |
| Grief | .. | 3 | 3 |
| Anxiety | 6 | 4 | 10 |
| Overstudy | 2 | 4 | 6 |
| *Physical.* | | | |
| Ill-health | 3 | 4 | 7 |
| Neurasthenia | 1 | 3 | 4 |
| Overwork | 7 | 6 | 13 |
| Constitutional | 5 | 4 | 9 |
| Change of life | .. | 10 | 10 |
| Childbirth | .. | 1 | 1 |
| Acute Disease | 1 | .. | 1 |
| Cerebral Hæmorrhage | 1 | 1 | 2 |
| Injury to Head | 2 | .. | 2 |
| Traumatic | 2 | .. | 2 |
| Uterine | .. | 2 | 2 |
| Syphilis | 1 | .. | 1 |
| Sunstroke | 2 | .. | 2 |
| Surgical Operation | .. | 2 | 2 |
| Puberty | .. | 1 | 1 |
| Intemperance | 3 | .. | 3 |
| Masturbation | 1 | .. | 1 |
| Old Age | 3 | 1 | 4 |
| Unknown | 13 | 20 | 33 |
| Total of *cases* | 53 | 66 | 119 |
| Total of *persons* | 51 | 65 | 116 |

TABLE No. 12.

RELATION TO HOSPITALS OF THE PERSONS ADMITTED.

| | Males. | Females. | Total. |
|---|---|---|---|
| Never before in any Hospital | 39 | 50 | 89 |
| Former inmates of this Hospital | 1 | 10 | 11 |
| Former inmates of other Hospitals in this State:— | | | |
| Danvers | 1 | .. | 1 |
| Private Asylum | 1 | 1 | 2 |
| Westborough | 1 | .. | 1 |
| Taunton | .. | 2 | 2 |
| Former inmates of Hospitals in other States | 2 | 3 | 5 |
| Former inmates of this Hospital and of other Hospitals in this State:— | | | |
| South Boston | 1 | .. | 1 |
| Danvers | 2 | .. | 2 |
| Former inmates of this Hospital and of Hospitals in other States | 5 | .. | 5 |
| Total of *cases* | 53 | 66 | 119 |
| Total of *persons* | 51 | 65 | 116 |

## TABLE No. 13

### DISCHARGES CLASSIFIED BY ADMISSION AND RESULT.

| Admission. | Recovered. | | | Much Improved. | | | Improved. | | | Unimproved. | | | Not Insane. | | | Died. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| First . . . . . | 10 | 10 | 20 | 4 | 13 | 17 | 7 | 8 | 15 | 7 | 12 | 19 | 3 | 1 | 4 | 8 | 10 | 18 | 39 | 54 | 93 |
| Second . . . . . | 4 | 5 | 9 | 1 | 1 | 2 | 2 | 1 | 3 | 1 | 4 | 5 | .... | .... | .... | 2 | .... | 2 | 10 | 11 | 21 |
| Third . . . . . | 1 | 2 | 3 | 1 | .... | 1 | .... | .... | .... | 1 | 1 | 2 | .... | .... | .... | .... | .... | .... | 3 | 3 | 6 |
| Fourth . . . . . | 1 | ... | 1 | .... | .... | .... | .... | .... | .... | 1 | 1 | 2 | .... | .... | .... | .... | .... | .... | 2 | 1 | 3 |
| Twenty-seventh . . | .... | .... | .... | 1 | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| Twenty-eighth . . | .... | .. . | .... | 1 | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | .... | 1 |
| Total of *cases* . . . | 16 | 17 | 33 | 8 | 14 | 22 | 9 | 9 | 18 | 10 | 18 | 28 | 3 | 1 | 4 | 10 | 10 | 20 | 56 | 69 | 125 |
| Total of *persons* . . | 16 | 17 | 33 | 7 | 14 | 21 | 9 | 9 | 18 | 10 | 18 | 28 | 3 | 1 | 4 | 10 | 10 | 20 | 55 | 69 | 124 |

## TABLE No. 14.

CASES DISCHARGED RECOVERED.—DURATION.

| Period. | Duration before Admission. | | | Hospital Residence. | | | Whole Duration from the Attack. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Under 1 mo. . | 7 | 6 | 13 | 2 | .. | 2 | 1 | .. | 1 |
| Fr. 1 to 3 mo., | 2 | 5 | 7 | 4 | 4 | 8 | 3 | 2 | 5 |
| ,, 3 ,, 6 ,, | 2 | 3 | 5 | 5 | 9 | 14 | 1 | 6 | 7 |
| ,, 6 ,, 12 ,, | 1 | 2 | 3 | 5 | 2 | 7 | 6 | 5 | 11 |
| ,, 1 ,, 2 yrs., | .. | 1 | 1 | .. | 1 | 1 | 1 | 3 | 4 |
| ,, 2 ,, 5 ,, | 4 | .. | 4 | .. | .. | .. | 4 | .. | 4 |
| ,, 5 ,, 10 ,, | .. | .. | .. | .. | 1 | 1 | .. | 1 | 1 |
| Total *cases* . | 16 | 17 | 33 | 16 | 17 | 33 | 16 | 17 | 33 |
| Total *persons* . | 16 | 17 | 33 | 16 | 17 | 33 | 16 | 17 | 33 |
| Average of known cases (in months), | 9.23 | 2.88 | 8.80 | 4.55 | 8.25 | 6.58 | 13.78 | 11.15 | 12.35 |

## TABLE No. 15.

CASES RESULTING IN DEATH.—DURATION.

| Period. | Duration before Admission. | | | Hospital Residence. | | | Whole Duration from the Attack. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Under 1 mo. . | 1 | .. | 1 | 3 | 1 | 4 | .. | .. | .. |
| Fr. 1 to 3 mo., | .. | 5 | 5 | .. | 3 | 3 | .. | 1 | 1 |
| ,, 3 ,, 6 ,, | 1 | 1 | 2 | .. | 2 | 2 | 1 | 3 | 4 |
| ,, 6 ,, 12 ,, | 2 | 2 | 4 | 1 | .. | 1 | .. | 1 | 1 |
| ,, 1 ,, 2 yrs., | 1 | .. | 1 | 3 | 2 | 5 | 2 | .. | 2 |
| ,, 2 ,, 5 ,, | 3 | 2 | 5 | 1 | .. | 1 | 3 | 3 | 6 |
| ,, 5 ,, 10 ,, | 2 | .. | 2 | 1 | .. | 1 | 2 | .. | 2 |
| ,, 10 ,, 15 ,, | .. | .. | .. | 1 | 1 | 2 | 1 | 1 | 2 |
| ,, 15 ,, 20 ,, | .. | .. | .. | .. | 1 | 1 | 1 | 1 | 2 |
| Total . . . . | 10 | 10 | 20 | 10 | 10 | 20 | 10 | 10 | 20 |
| Average of known cases (in months), | 28.35 | 9.05 | 18.70 | 32.92 | 38.97 | 35.95 | 60.87 | 48.02 | 54.45 |

## TABLE No. 16.

CASES DISCHARGED BY RECOVERY OR DEATH.

| Form of Insanity. | Recoveries. | | | Deaths. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| Melancholia, acute . . | 9 | 7 | 16 | .. | .. | .. |
| Melancholia, chronic . | 7 | 9 | 16 | 1 | 4 | 5 |
| Mania, acute . . . . | .. | 1 | 1 | 2 | 1 | 3 |
| Delusional Insanity . . | .. | .. | .. | 2 | 2 | 4 |
| Senile Insanity . . . | .. | .. | .. | 2 | .. | 2 |
| General Paralysis . . | .. | .. | .. | 3 | 3 | 6 |
| Total of *cases* . . . . | 16 | 17 | 33 | 10 | 10 | 20 |
| Total of *persons* . . . | 16 | 17 | 33 | .. | .. | .. |

## TABLE No. 17.

CAUSES OF DEATH.

| Causes. | Males. | Females. | Total. |
|---|---|---|---|
| *Cerebral Disease.* | | | |
| General Paralysis | 3 | 3 | 6 |
| Cerebral Hæmorrhage | 1 | .. | 1 |
| Exhaustion from Melancholia | 1 | 3 | 4 |
| Exhaustion from Senile Insanity | 1 | .. | 1 |
| *Other Causes.* | | | |
| Chronic Interstitial Nephritis | 1 | 1 | 2 |
| Cellutitis | 1 | .. | 1 |
| Cancer of Stomach | .. | 1 | 1 |
| Pneumonia | 1 | .. | 1 |
| Dysentery | .. | 2 | 2 |
| Fracture of Spine | 1 | .. | 1 |
| Totals | 10 | 10 | 20 |

## TABLE No. 18.

RECOVERIES, CLASSIFIED BY RESULTS OF PREVIOUS ADMISSIONS.*

| Number of the Admission. | Recovered. | | | Much Improved. | | | Not Improved. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Second | 2 | 3 | 5 | .. | .. | .. | .. | .. | .. | 2 | 3 | 5 |
| Third | 1 | 2 | 3 | .. | .. | .. | .. | .. | .. | 1 | 2 | 3 |
| Fourth | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Total of *cases* | 4 | 5 | 9 | .. | .. | .. | .. | .. | .. | 4 | 5 | 9 |
| Total of *persons* | 4 | 5 | 9 | .. | .. | .. | .. | .. | .. | 4 | 5 | 9 |

*This classification is based upon the result of the admission next preceding the last, in each case respectively.

## TABLE No. 19.

DEATHS, CLASSIFIED BY DURATION OF INSANITY AND OF TREATMENT.

| Period. | Duration of Insanity. | | | Whole known period of Hospital Residence. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| Congenital | .. | .. | .. | .. | .. | .. |
| Under 1 month | .. | .. | .. | 3 | 1 | 4 |
| From 1 to 3 mos. | .. | 1 | 1 | .. | 3 | 3 |
| ,, 3 ,, 6 ,, | 1 | 3 | 4 | .. | 1 | 1 |
| ,, 6 ,, 12 ,, | .. | .. | .. | 1 | 1 | 2 |
| ,, 1 ,, 2 yrs. | 2 | 1 | 3 | 3 | 2 | 5 |
| ,, 2 ,, 5 ,, | 4 | 3 | 7 | 1 | .. | 1 |
| ,, 5 ,, 10 ,, | 1 | .. | 1 | 1 | .. | 1 |
| ,, 10 ,, 15 ,, | 1 | 1 | 2 | 1 | 1 | 2 |
| ,, 15 ,, 20 ,, | 1 | 1 | 2 | .. | 1 | 1 |
| Total | 10 | 10 | 20 | 10 | 10 | 20 |
| Average of known cases (in months) | 59.20 | 48.62 | 53.91 | 31.75 | 39.27 | 35.51 |

## TABLE No. 20.

AGES OF THOSE WHO DIED.

| Ages. | At time of the first Attack. | | | At time of Death. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| From 15 to 20 yrs. | .. | 1 | 1 | .. | .. | .. |
| ,, 30 ,, 35 ,, | .. | 2 | 2 | .. | 2 | 2 |
| ,, 35 ,, 40 ,, | 1 | .. | 1 | .. | .. | .. |
| ,, 40 ,, 45 ,, | 3 | 3 | 6 | 3 | 1 | 4 |
| ,, 45 ,, 50 ,, | .. | .. | .. | .. | 2 | 2 |
| ,, 50 ,, 60 ,, | 1 | 4 | 5 | 2 | 3 | 5 |
| ,, 60 ,, 70 ,, | 3 | .. | 3 | 1 | 1 | 2 |
| ,, 70 ,, 80 ,, | 2 | .. | 2 | 3 | 1 | 4 |
| ,, 80 ,, 90 ,, | .. | .. | .. | 1 | .. | 1 |
| Total . . . . | 10 | 10 | 20 | 10 | 10 | 20 |

## TABLE No. 21.

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE McLEAN ASYLUM FOR TEN YEARS.

| Years. | Admitted. | Discharged. | Whole No. under care. | Died. | Much improved, etc. | Recov'd. | Remaining at end of year. | Average No. of Patients |
|---|---|---|---|---|---|---|---|---|
| 1882 | 82 | 70 | 237 | 8 | 36 | 26 | 167 | 156 |
| 1883 | 109 | 111 | 276 | 17 | 57 | 37 | 165 | 164 |
| 1884 | 113 | 103 | 278 | 17 | 52 | 34 | 175 | 166 |
| 1885 | 95 | 100 | 270 | 17 | 46 | 37 | 170 | 171 |
| 1886 | 93 | 96 | 263 | 14 | 46 | 36 | 167 | 169 |
| 1887 | 75 | 78 | 242 | 17 | 35 | 26 | 164 | 160 |
| 1888 | 105 | 103 | 269 | 23 | 37 | 43 | 166 | 164 |
| 1889 | 113 | 105 | 279 | 16 | 56 | 33 | 174 | 168 |
| 1890 | 123 | 113 | 297 | 11 | 58 | 44 | 184 | 173 |
| 1891 | 119 | 125 | 303 | 20 | 72 | 33 | 178 | 171 |

Total number of admissions from the year 1818, 7,549.

## TABLE No. 22.

### TABLE SHOWING THE COST OF PRINCIPAL STORES AT McLEAN ASYLUM.

| Articles. | 1889. | | | 1890. | | | 1891. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. |
| Beef . . . . . lbs. | 87,083 | $9,466.79 | .1080 | 76,613 | $8,545.25 | .1115 | 81,656 | $9,651.80 | .1182 |
| Mutton and Lamb . . . . ,, | 29,610 | 2,726.74 | .0920 | 27,802 | 2,817.36 | .10 | 21,849 | 2,194.25 | .10 |
| Veal . . . . . ,, | 14,588 | 1,495.02 | .1024 | 12,983 | 1,317.05 | .1015 | 11,405 | 1,154.26 | .1012 |
| Poultry . . . . . ,, | 18,357 | 3,154.15 | .171 | 21,137 | 3,436.46 | .162 | 17,709 | 2,828.92 | .159 |
| Ham, etc. . . . . ,, | 12,496 | 1,345.02 | .107 | 12,717 | 1,345.78 | .105 | 12,727 | 1,320.07 | .103 |
| Eggs . . . . . doz. | 11,267 | 2,436.84 | .216 | 12,278 | 2,666.49 | .217 | 12,534 | 2,698.53 | .215 |
| Lard . . . . . lbs. | 2,740 | 240.62 | .087 | 3,788 | 282 67 | .074 | 3,100 | 283.20 | .091 |
| Flour . . . . . bbls. | 500 | 2,961.23 | 5.92 | 543 | 2,918.84 | 5.375 | 554 | 3,146.62 | 5.679 |
| Butter . . . . . lbs. | 19,958 | 4,358.62 | .218 | 21,164 | 5,004.93 | .231 | 20,399 | 5,174.90 | .253 |
| Coffee . . . . . ,, | 3,410 | 856.73 | .251 | 3,536 | 900.14 | .254 | 3,689 | 982.08 | .266 |
| Tea . . . . . ,, | 1,282 | 360.38 | .280 | 1,377 | 335.00 | .243 | 1,634 | 396.81 | .242 |
| Sugar . . . . . ,, | 32,293 | 2,500.20 | .077 | 31,276 | 1,962.89 | .063 | 31,824 | 1,577.05 | .049 |
| Lights, Gas, etc. . . . . feet | ..... | 3,006.90 | ..... | ..... | 3,178.34 | ..... | ..... | 3,221.45 | ..... |
| Coal . . . . . tons | $1,249\frac{1630}{2000}$ | 7,335.82 | 5.873 | $1,113\frac{570}{2000}$ | 6,232.48 | 5.598 | $1,608\frac{1110}{2000}$ | 8,515.42 | 5.293 |
| Wood . . . . . cords | ..... | ..... | ..... | ..... | ..... | ..... | $10\frac{1}{2}$ | 89.25 | 8.50 |
| Ice . . . . . tons | $473\frac{1500}{2000}$ | 1,673.47 | 3.532 | $409\frac{1700}{2000}$ | 2,102.10 | 5.128 | $423\frac{1300}{2000}$ | 847.30 | 2.00 |

# NINTH ANNUAL REPORT

OF THE

# McLEAN ASYLUM TRAINING SCHOOL FOR NURSES.

---

In the year 1891, twelve years were completed since the preparatory work of founding this school was begun, and nine years since its formal organization in 1882. There were graduated in the last year fifteen women and seven men, making the total product of the school, from the beginning, one hundred and sixteen nurses,— eighty-five women and thirty-one men. The following table gives some interesting facts as to the working of this school system, showing the present condition of the service, and what has become of the product of the school.

| | *Women.* | *Men.* |
|---|---|---|
| Number of graduates in 9 years | 85 | 31 |
| Graduates remaining in the service | 14 | 6 |
| Pupils in Boston Training School | 7 | |
| Previously graduated at Boston Training School | 8 | |
| Superintendents of nurses, other hospitals | 4 | |
| Employed in other institutions | 4 | 4 |
| Engaged in private nursing | 31 | 12 |
| Married and left the profession | 14 | 1 |
| At home | 8 | |
| Deceased | 1 | 1 |
| Medical students | | 5 |
| In other business | | 2 |
| Pupils now in this school | 34 | 27 |

It should be understood that this school, in the asylum department of the Massachusetts General Hospital, is an entirely independent organization from that of the Boston Training School in the general hospital department. The relation between the schools is simply that a woman graduate of either one may, if she wishes, apply for admission to

the other, and may take an additional course of one year and get the full certificate of the training there upon passing the required examinations. So far no hospital nurse has chosen to take the additional training in the asylum, but as stated in the above table, eight of our nurses have taken the course at the hospital, and seven others are now pupils there. Two others are going through the school at the Johns Hopkins Hospital. With such extra training these nurses gain the highest qualifications for teaching, and taking charge of schools in hospitals for the insane. The growing appreciation of this fact is shown by the increasing demand for such specially trained nurses, who give also the promise of executive ability, to aid in establishing the new schools that are being planned in many places throughout the country.

The table above given shows how the products of the asylum school will be distributed, and stands as an excellent demonstration of the predictions made in this matter at the time of the founding of this school. A sufficient proportion of the qualified nurses,—one third of the whole number is enough — will remain in the service to be head nurses and teachers of practical work in the wards. The major part of the work is done by pupils at a less cost for wages than where training is not given as the principal part of the compensation. The pupils are thus carefully taught to do things in the right way from the beginning. It is entirely for the benefit of the school and the service of the sick that nearly all of every annual class of nurses eventually go away, and do not remain to clog the service, for it is the activity of the work of teaching that keeps up the interest of all concerned in the perfecting of the training. The efficiency of the training in general nursing is demonstrated by the success of these nurses in private work, as the most of them do not take the one year's course in the general hospital. The general effect of the training is educational, in the broadest sense, while it tends to add to the general knowledge of the public special information in general and mental hygiene, so that it is to the benefit of the public that many should eventually go into other business or marry and carry their knowledge into domestic life. Thus the liberal use of the public money expended in improving the nursing care of the insane not

only operates in lessening the cost of their support through better curative results, but it is an investment that brings great returns to the public good. Such schools in the State hospitals are entitled to the fostering care of the State as much and for like reasons, as any schools; they properly have a place in the general system of public school instruction, and are not solely professional or trade schools, although they have great value in this regard.

It now begins to be proved, wherever such schools exist, that there need be no fear of educating too many such nurses; that they will be quickly absorbed in the public life is to the good fortune of the hospitals. The more this education is given, the better it will be appreciated, and the more it will be wanted. For many years to come the supply will continue to create the demand, but there will eventually be a better adjustment in this regard, so that the educated nurse will be within the reach of the people in the smaller towns and country places.

It should not detract from the promotion of asylum schools that it is argued in some quarters that their nurses must be much inferior in the knowledge of general nursing to those of the well-conducted hospital schools. It has never been claimed that the former can have the same practical skill that only experience gives, in some particulars, as in surgical nursing, for example. On this point there is something to be said, however, in favor of asylum schools. They are newly founded and are making improvements every year in their teaching of general nursing just as the hospital schools did in the beginning; the schools of the great general hospitals can only furnish a very small part of the nurses that need to be provided at a less cost for the country at large, and the supply must come from other sources; and it is not a question of thorough didactic instruction in the asylums without practical experience, as contrasted with the latter in the general hospitals. The proper organization of infirmary and "hospital" wards in the many great asylums affords a good field for that practical instruction. It is claimed, therefore, that nurses can be well trained in the asylums; and that, moreover, they are especially qualified by that training to readily acquire knowledge and skill from experience in private

nursing under the direction of the physician. As a matter of fact they do very generally prove acceptable as general nurses immediately on leaving the asylum schools, of course being more successful in medical cases.

The training of nurses should be promoted in every possible way in every asylum; they should be taught all that they can be of general nursing. There should be no stint of encouragement of this great reform in the nursing of the insane, because somewhere else, in some particulars, some things can be better taught; for the asylums can, by the proper teaching that it is their duty to give in the prosecution of their own work, produce good, general nurses, and make better men and women of their attendants.

These things are not said with the idea that anyone would discourage instruction in general nursing in asylum schools. But it is because the views are still too commonly held as to the supposed inadequacy of their training that are the same views which so long stood in the way of beginning this asylum reform, and because in the promotion of that reform, which is only now made possible by better nursing, it is necessary to hold up to all asylum authorities the just expectation that worthy results will follow from their liberal support of this system of training, and to show that instruction in general as well as special nursing must be broadly given, and by well-qualified teachers. It is true to say that those will be best fitted for such teaching who, other things being equal, have had some part of their preparation in a general hospital.

## McLEAN ASYLUM TRAINING SCHOOL FOR NURSES.

The Trustees of the Massachusetts General Hospital, having established at the McLean Asylum for the Insane a school for nurses, offer to give to men and women desirous of becoming professional nurses a two years' course of training in general nursing, with special reference to the care of cases of nervous and mental disease.

Those wishing to receive such a course of instruction must apply to the Superintendent of the McLean Asylum, Somerville, Mass.

The most desirable age for candidates is from twenty one to thirty-five years. *They must be in sound health, and must send with their application a certificate from a physician certifying to the fact; also, one from some responsible person as to their good character and good health.* Upon the recommendation of the Superintendent of the Asylum and the approval of the Trustees, they will be received for two months on probation, at the expiration of which time they will, if accepted, sign an agreement to complete the prescribed course of two years.

The Superintendent of Nurses has charge of the Training School, under the authority of the Superintendent of the Asylum and of the Board of Trustees; and the nurses are subject to the rules of the Asylum. Their fitness for the work and the propriety of retaining or dismissing them at the end of the two months of trial are determined by the authorities in charge of the School, under the direction of the Trustees; and the same authorities can in like manner discharge them at any time in case of misconduct or inefficiency. They reside in the Asylum, and serve as assistant nurses in its wards.

All nurses are required to be intelligent, trustworthy, kind, and cheerful.

The instruction includes the general care of the sick; the managing of helpless patients in bed; in moving, changing bed and body linen, making of beds, etc.; giving baths, keeping patients warm or cool, preventing and dressing bed sores; bandaging, applying of fomentations, poultices, and minor dressings; the preparing and serving of food, the feeding of helpless patients and those who refuse food; the administering of enemas and use of the catheter; attendance upon pa-

tients requiring diversion and companionship ; the observation of mental symptoms, delusions, hallucinations, delirium, stupor, etc., and the care of excited, violent, and suicidal patients.

They are also given instruction in the best practical methods of supplying fresh air, warming and ventilating sick-rooms in a proper manner, and are taught to take proper care of rooms and wards, in keeping all utensils perfectly clean and disinfected, etc. ; to observe the sick accurately in regard to the state of the secretions, pulse, breathing, skin, temperature, sleep, appetite, effect of diet, of stimulants, and medicine ; the giving of massage ; and the managing of convalescents.

Instructions will also be given in the modern methods of physical training, by the use of free movements and the usual apparatus, in a gymnasium provided for the patients. The nurses are taught the medical application of physical exercise. Each nurse is required to have a gymnasium costume ; the material for the dress will be furnished, at moderate cost, by the Asylum.

The instruction is given by the Superintendent of the Training School, and by the Supervisors and Head Nurses. Lectures and demonstrations will be given at stated periods by the Asylum Medical Staff. Examinations, chiefly upon practical points, take place from time to time.

The pupils are employed as assistant nurses in the wards of the Asylum. Women will be paid twelve dollars ($12) per month during the first year, and fifteen dollars ($15) per month during the second year, for their clothing and personal expenses. Their education during this time is considered as compensation for their services. Men will be paid twenty-three dollars ($23) per month during the first year, and twenty-five ($25) per month during the second year. These are the former rates not yet reduced to the Training-School system. Women graduates will be paid twenty-five dollars ($25) per month, and thirty dollars ($30) per month thereafter ; men graduates twenty-seven dollars ($27) and thirty dollars ($30) per month, according to length of service.

The men and women are required to wear at all times, while on duty in the wards, the Asylum uniform.

When the full term of two years is completed, the nurses thus trained receive (after final examinations) diplomas certifying to their period of training, their proficiency and good character.

The right is reserved to terminate the connection of any nurse or pupil with the School, for any reason which may be deemed sufficient.

A female graduate of this School, who wishes to have additional practical experience and instruction in general nursing, has the privilege, under certain restrictions, of entering the Boston Training School for Nurses at the Massachusetts General Hospital. Such graduates will, after one year's satisfactory study, receive the diploma from that School, in addition to the diploma received from the McLean Asylum Training-School.

## COURSE OF INSTRUCTION.

### JUNIOR YEAR.

A Manual for Hospital Nurses . . . . . *Domville.*
Physiology and Hygiene (to the Nervous System) . *Hutchison.*
Notes on Fever Nursing . . . . . *Allan.*
A Text-book of Nursing . . . . . *Weeks.*
What To Do First in Emergencies . . . . . *Dulles.*
Accidental Injuries . . . . . *Cantlie.*
Practical Instruction in Massage (twelve lessons).
Physical Training (thirty lessons).
Instruction in the Wards by the Supervisor and Superintendent of Nurses.
A Lecture each week, First Assistant Physician.

### SENIOR YEAR.

Physiology and Hygiene (completed) . . . . . *Hutchison*
A Text-book of Nursing (completed) . . . . *Weeks.*
A Short Manual for Monthly Nurses . . . . . *Cullniworth.*
Notes on Surgery for Nurses . . . . . *Bell.*
Hand-book for Hospitals (selections),
*State Charities Aid Association, N. Y.*
How to care for the Insane . . . . . *Granger*
Hand-book for the Instruction of Attendants on the Insane,
*Sub-Com. British Med.-Psych. Association.*
Practical Instruction in Cooking (six lessons).
Physical Training (thirty lessons).
Instruction in the wards by the Supervisor and Superintendent of Nurses.
A Lecture each week, Superintendent.

### ORDER OF EXERCISES, 1890–1891.

#### WOMEN.

Monday.

| | | |
|---|---|---|
| 4.15 P. M. | Senior Class, Recitation . . . | Miss WOODWARD. |
| 7.00 P. M. | Junior Class, Recitation . . . | Miss LEACH. |
| 8.00 P. M. | Junior Class (1st. Div.), Massage, | Miss WOODWARD. |
| 8.00 P. M. | Junior Class (2d Div.), Massage . | Mrs. PIERCE. |

Tuesday.

| | | |
|---|---|---|
| 4.15 P. M. | Senior Class, Lecture . . . . | Dr. COWLES. |

Thursday.

| | | |
|---|---|---|
| 11.00 A. M. | Graduates, Review, etc. . . . | Miss WOODWARD. |

| | | |
|---|---|---|
| 2.00 P. M. | Senior Class (1st or 2d Div.), Cooking . . . . . | Mrs. DEARBORN. |
| Thursday. | | |
| 4.15 P. M. | Junior Class, Lecture . . . . | Dr. TUTTLE. |
| 7.00 P. M. | Junior Class, Instruction in Physical Training . . . . . | Miss BARTLETT. |
| 8.00 P. M. | Junior Class (3d Div.), Massage, | Miss WOODWARD. |
| 8.00 P. M. | Junior Class (4th Div.), Massage, | Mrs. PIERCE. |
| Saturday. | | |
| 11.00 A. M. | Senior Class, Instruction in Physical Training . . . . . | Miss BARTLETT. |
| 4.15 P. M. | Junior Class (1st and 2d Div., on alternate weeks from Feb. 1), Care of Sick Patients in Bed, Poulticing, Bandaging, etc. . | Miss LEACH. |

MEN.

| | | |
|---|---|---|
| Monday. | | |
| 4.15 P. M. | Junior Class, Recitation . . . | Dr. FULLER. |
| 7.30 P. M. | Senior Class, Instruction in Physical Training . . . . . | Mr. RYDER. |
| Tuesday. | | |
| 11.00 A. M. | Senior Class (1st or 2d Div., from Feb. 18) Massage . . . . | Dr. TUTTLE. |
| 4.15 P. M. | Senior Class, Lecture . . . . | Dr. COWLES. |
| Wednesday. | | |
| 4.15 P. M. | Junior Class, Lecture . . . . | Dr. TUTTLE. |
| Thursday. | | |
| 11.00 A. M. | Junior Class (1st and 2d Div., on alternate weeks, from Feb. 11), Bandaging . . . . . | Dr. FULLER. |
| 2.00 P. M. | Senior Class (1st or 2d Div.), Cooking . . . . . | Mrs. DEARBORN. |
| 4.15 P. M. | Junior Class, Instruction in Physical Training . . . . . | Mr. RYDER. |
| Friday. | | |
| 11.00 A. M. | Junior Class (1st and 2d Div., on alternate weeks, from Feb. 12), Care of Sick Patients in Bed, Poulticing, etc. . . . | Mr. WEBBER. |
| 4.15 P. M. | Senior Class, Recitation . . . | Dr. FULLER. |

# OFFICERS OF THE INSTITUTION

## 1892.

*President.*

CHARLES H. DALTON.

*Vice-President.*

JOHN LOWELL.

*Treasurer.*

FRANKLIN HAVEN, JR., 28 STATE STREET.

*Secretary.*

THOMAS B. HALL, 75 STATE STREET.

*Trustees.*

SAMUEL ELIOT, *Chairman*, 44 Brimmer Street.
* FREDERICK L. AMES, 96 Ames Building.
* CHARLES V. BEMIS, Medford, Mass.
EDMUND DWIGHT, 50 State Street.
WILLIAM ENDICOTT, JR., 32 Beacon Street.
* DAVID P. KIMBALL, 35 Congress Street.
THORNTON K. LOTHROP, 27 Commonwealth Avenue.
* THOMAS E. PROCTOR, 127 South Street.
NATHANIEL THAYER, 50 State Street.
DAVID R. WHITNEY, 85 Devonshire Street.
HENRY P. WALCOTT, 13 Beacon Street.
ROGER WOLCOTT, 53 Tremont Street.

* Appointed by the Governor of the Commonwealth.

*Board of Consultation.*

ALGERNON COOLIDGE, M. D.
FRANCIS MINOT, M. D.
MORRILL WYMAN, M. D.
GEORGE C. SHATTUCK, M. D.
RICHARD M. HODGES, M. D.
SAMUEL L. ABBOT, M. D.
GEORGE G. TARBELL, M. D.

## STANDING COMMITTEES.

*Admitting Asylum Patients.*

Messrs. DWIGHT and WHITNEY.

*Finance.*

Messrs. ENDICOTT and KIMBALL.

*Accounts and Expenditures.*

Messrs. Wolcott, Thayer, and Lothrop.

*Buildings and Repairs.*

Messrs. Dwight, Eliot, and Whitney.

*Free Beds.*

Messrs. Proctor and Whitney.

*The General Library and Warren Fund.*

Messrs. Eliot and Bemis.

*Book of Donations.*

Dr. Bemis.

*Nominations.*

Messrs. Eliot, Wolcott, Lothrop, and Thayer.

*New Asylum and Grounds.*

Messrs. Dalton, Dwight, Eliot, Endicott, Ames, and Walcott.

---

## VISITING COMMITTEES.

*January and July.*

Messrs. Whitney and Ames.

*February and August.*

Messrs. Bemis and Proctor.

*March and September.*

Messrs. Wolcott and Kimball.

*April and October.*

Messrs. Endicott and Lothrop.

*May and November.*

Messrs. Dwight and Walcott.

*June and December.*

Messrs. Eliot and Thayer.

---

## LADIES' VISITING COMMITTEE.

*January and February.*

Mrs. N. Thayer. Mrs. F. L. Ames. Mrs. E. V. R. Thayer.

*March and April.*

Mrs. J. Arthur Beebe. Miss Ida G. Beal.

Miss Bessie H. Lyman.

*May.*

Mrs. J. C. Gray. Mrs. T. E. Proctor. Mrs. S. Eliot.

*June and July.*

Miss Jeanie L. Motley.

*November and December.*

Mrs. H. W. Haynes. Miss A. W. Morrill.

---

## OFFICERS OF THE HOSPITAL.

*Resident Physician.*

John W. Pratt, M. D.

*Visiting Physicians.*

Wm. L. Richardson, M. D. Frederick C. Shattuck, M. D.
Edward N. Whittier, M. D. Reginald H. Fitz, M. D.
Elbridge G. Cutler, M. D. William W. Gannett, M. D.

*Visiting Surgeons.*

Charles B. Porter, M. D. John Homans, M. D.
John Collins Warren, M. D. Arthur T. Cabot, M. D.
Henry H. A. Beach, M. D. Maurice H. Richardson, M. D.

*Physicians to Out-Patients.*

Charles P. Strong, M. D. George M. Garland, M. D.
Herman F. Vickery, M. D. James T. Minot, M. D.
Harold C. Ernst, M. D. Charles W. Townsend, M. D.

*Surgeons to Out-Patients.*

John W. Elliot, M. D. Samuel J. Mixter, M. D.
Frank B. Harrington, M. D. Otis K. Newell, M. D.
William M. Conant, M. D. Charles L. Scudder, M. D.

*Physician to Out-Patients with Diseases of the Skin.*

James C. White, M. D.

*Physicians to Out-Patients with Diseases of the Nervous System.*

James J. Putnam, M. D. George L. Walton, M. D.

*Physicians to Out-Patients with Diseases of the Throat.*

Frederick I. Knight, M. D. S. W. Langmaid, M. D.
Franklin H. Hooper, M. D.

*Ophthalmic Surgeon to Out-Patients.*

Oliver F. Wadsworth, M. D.

*Aural Surgeon.*

J. Orne Green, M. D.

*Pathologist.*

Reginald H. Fitz, M. D.

*Chemist.*

Edward S. Wood, M. D.

*Artist.*

Henry P. Quincy, M. D.

## MEDICAL AND SURGICAL ASSISTANTS.

*Assistant Pathologist.*

WILLIAM F. WHITNEY, M. D.

*Assistants for Diseases of the Nervous System.*

HENRY C. BALDWIN, M. D. CYRUS F. CARTER, M. D.

*Assistant to Ophthalmic Surgeon.*

FREDERICK E. CHENEY, M. D.

*Assistants for Diseases of the Throat.*

ALGERNON COOLIDGE, JR., M. D. J. PAYSON CLARK, M. D.

FREDERICK C. COBB, M. D.

*Assistant for Diseases of the Skin.*

JOHN T. BOWEN, M. D.

*Medical House Pupils*, 1891–92.

ARTHUR C. JELLY. JAMES M. JACKSON.

*Surgical House Pupils*, 1891–92.

WILLIAM L. SMITH. HOWARD A. LOTHROP.

WILLIAM BROOKS, JR. EDWARD A. PEASE.

*Matron.*

G. L. STURTEVANT.

*Superintendent of Nurses.*

MARIA B. BROWN.

*Apothecary.*

WILLIAM A. CAMERON.

---

## OFFICERS OF THE McLEAN ASYLUM.

*Medical Superintendent.*

EDWARD COWLES, M. D.

*1st Assistant Physician.*

GEORGE T. TUTTLE, M. D.

*2d Assistant Physician.* *Assistant Physician and Pathologist.*

DANIEL H. FULLER, M. D. WILLIAM NOYES, M. D.

*House Pupils.*

GILMAN D. FROST. WALTER F. SAWYER.

FOLLEN CABOT, JR.

*Superintendent of Nurses and Matron.*

LUCIA E. WOODWARD.

*Supervisors.*

CHARLES E. WEBBER. THERESA G. LEACH.

*Apothecary.*

FRANK W. ADAMS.

*Purveyor.*

JOHN P. BRADBURY.

*Clerk.*

F. E. GILBERT.

# SEVENTY-NINTH ANNUAL REPORT

OF THE

# TRUSTEES

OF THE

# MASSACHUSETTS GENERAL HOSPITAL

AND

# McLEAN HOSPITAL

1892

---

BOSTON
L. BARTA & CO., PRINTERS, 148 HIGH STREET
1893

McLEAN HOSPITAL WAVERLEY MASS.

# SEVENTY-NINTH ANNUAL REPORT

OF THE

# TRUSTEES

OF THE

# MASSACHUSETTS GENERAL HOSPITAL

AND

# McLEAN HOSPITAL

1892

---

BOSTON
L. BARTA & CO., PRINTERS, 148 HIGH STREET
1893

# SEVENTY-NINTH ANNUAL REPORT OF THE TRUSTEES

OF THE

# MASSACHUSETTS GENERAL HOSPITAL

For the year 1892.

---

THE Committee appointed by the Board of Trustees to prepare the annual report of that Board to the Corporation and to examine the accounts of the Treasurer and the reports of the other officers respectfully submit the following report: —

The expenses for the year 1892 and for 1891, added for purpose of comparison, have been,—

| | 1892. | 1891. |
|---|---|---|
| On account of the Hospital, | $151,996.87 | $135,663.27 |
| " " " McLean Hospital, | 158,120.75 | 151,419.57 |
| " " " Convalescent Home, | 11,396.18 | 10,185.65 |
| Total, | $321,513.80 | $297,268.59 |
| These expenses have been met by charges to patients . . . . | 171,100.96 | 166,032.92 |
| Income from various funds . . . | 116,041.32 | 104,416.86 |
| Subscription for Free Beds . . . | 12,698.00 | 13,198.00 |
| From profits of Massachusetts Hospital Life Insurance Company | 10,000.00 | 10,000.00 |
| Deficit drawn from General Fund | 11,673.52 | 3,620.81 |

Examination of the accompanying reports shows an increase in the cost of caring for the Hospital patients, beyond the proportional increase of the numbers so cared for. Of the 3,325 patients admitted to the Hospital from January 1, 1892, to January 1, 1893, 713 paid board, in whole or in part; of the 3,203 so admitted in the year 1891, 637 paid

in whole or in part. In the year 1890 the patients in wards were 3,381; of these 835 paid in whole or in part. So that there does not seem to have been any substantial improvement in the numbers of those able or willing to pay for their maintenance in the Hospital. When it is remembered that the cost of hospital care is steadily increasing, and must of necessity still further increase, and that the sum of money accepted by the Trustees for the care of a patient in the general wards is $10 per week, being, for the year past, $4.54 less than the average weekly cost of maintaining such patient; it becomes evident, either that the funds for free beds must be increased, or that the use of the Hospital must be more closely restricted to those able to pay its charges.

The authorities of the Hospital make as careful scrutiny as is possible of the persons presenting themselves for admission to its wards and encourage whenever they can the effort on the part of the latter to contribute something towards defraying their hospital expenses. But the cases in which the charities of the institution are seriously imposed upon must be very few, and the Trustees do not believe that any restriction greater than that now practised in the admission of free patients can be enforced without a degree of hardship and suffering which this community has not hitherto been willing to witness.

The McLean Hospital appears from the Treasurer's statement to be more nearly self-sustaining than the Hospital. The expenses were $158,120.75 and the amount charged to patients was $143,571.61 — the difference between these two amounts was reduced by income from various Hospital funds to $3,448.54 and this sum has been charged to the General Fund.

The following donations and legacies have been received during the year: —

| | |
|---|---|
| Donation of Samuel Cabot and Arthur T. Cabot to the "Samuel Cabot Fund for Pathological Investigation" . . . . . | $485.00 |
| Bequest of Mrs. Elizabeth B. Bowditch, unrestricted . . . . . | 5,000.00 |
| Bequest of Mrs. Elizabeth B. Bowditch, for Convalescent Home . . . . . | 5,000.00 |
| Donation of Miss Helen C. Bradlee, "Income to be used to make more comfortable women patients of the McLean Hospital who have known better days" . . . . . | 50,000 00 |
| Bequest of Charles W. Faulkner to be called "The Charles W. Faulkner Fund," income unrestricted . . . . . | 2,940.00 |
| Donation for a fund to be called the "Stephen P. H. May Fund," income for free beds . . | 1,000 00 |

It will be remembered that the Hospital has already a monument of Miss Bradlee's generosity in the Bradlee Ward and Theatre; and it will be seen upon a later page of this report that Mr. George P. Upham proposes to build on the grounds at Waverley a house, complete in all its appointments, for nine patients.

The number of children treated in the wards of the Hospital during the year was less than in the year 1891. If the smaller number is the result of a belief that the Hospital does not wish to undertake the care of children, the Trustees desire to again say that children are willingly received, and to express the opinion that both the old and the young gain something from each other in the peculiar associations of the Hospital.

No new buildings have been added to the Hospital, but Wards C and D have been thoroughly repaired during the year; a new dining-room for the nurses has been made in the centre, and a medical lecture room in the rotunda.

The well-proved usefulness of the Bradlee ward has, naturally, drawn attention to some of the defects in the older operating amphitheatre, and there seems now no good reason for hesitating to give to general surgery the safeguards that have been found so effectual in the special departments to which the Bradlee ward is assigned.

In all the recent reports of the Trustees, allusion has been made to one of the great needs of the Hospital, a ward for contagious diseases.

The appeal to the public for the purpose of securing the means to erect such a building had already been written when it was learned that a benefactor, who desires, for the present at least, to remain unknown, had offered to provide the Hospital with a ward for contagious diseases. The arrangement for its construction is so generous that the Trustees now feel that this most serious defect in our Hospital administration can be fully relieved.

The Warren Memorial Prize of $500 was awarded by the Medical and Surgical Staff of the Hospital to John Strahan, M. D., of Belfast, Ireland, for his essay on "Rickets."

In March Dr. Reginald H. Fitz resigned his position as Pathologist to the Hospital; and later in the year Dr. Wm. F. Whitney, Assistant Pathologist, was elected to the place. Dr. Fred. I. Knight resigned as physician to out-patients with diseases of the throat, and was subsequently elected to the Board of Consultation.

In October, Dr. S. W. Langmaid, physician to out-patients with diseases of the throat, resigned, and Dr. Algernon Coolidge, Jr., was elected to one of the vacancies in this department.

Dr. Franklin H. Hooper, physician to out-patients with diseases of the throat, died November 22, and

on the 20th of November the Trustees placed upon their records the following minute: —

"The Trustees of the Massachusetts General Hospital desire to place on record an expression of their appreciation of the valuable services of Dr. Franklin H. Hooper, as a member of the Hospital Staff; of their recognition of his eminent professional gifts, of his skill, ability, and zeal, and of the modesty which accompanied these; of their respect for the fortitude and patience which he exhibited in his painful illness, and of their regret at his death in the full maturity of his powers, and in the midst of a career of ever-increasing honor to himself and usefulness to others."

The continued extension of the field occupied by modern surgery has made it necessary to add two more to the number of surgical house pupils, and they now number six.

The report of the Superintendent of the McLean Hospital contains much that is encouraging with regard to the work of that division of the institution, and shows that, in spite of the many disadvantages in its surroundings, the Hospital has worthily sustained its reputation.

The Trustees are at last free to proceed with the development of the new establishment at Waverley. An agreement has been made for the sale of the buildings and lands of the Asylum at Somerville to the Boston & Lowell Railroad Corporation. The McLean Hospital has, in the three quarters of a century of existence, passed through all the stages in the history of the treatment of the insane. At its foundation it rescued the unfortunate lunatic from a state of hopeless misery; it has given him with each succeeding year the larger help that medical skill and increasing resources in every direction have made available. But the changes that have taken place in the vicinity

of the Asylum have long since made removal to a more secluded locality essential; the situation at Waverley is unsurpassed in suitable and attractive qualities. To enable the establishment, however, in its new home to maintain the position it has hitherto held, and to bring all the improvements of modern medicine to the diseased mind, will yet require liberal additions to the fund for new buildings and to the resources for their maintenance. In recognition of the present broader views upon the subject of insanity and its treatment, the title of McLean Asylum has been changed to McLean Hospital.

Additional land with serviceable house and barn adjoining the estate at Waverley has been purchased at an expense of $8,000. On March 30, it was voted to proceed to the erection of two buildings at Waverley to represent the Belknap and the Appleton buildings on the old site at an estimated cost of $288,-622.00, including furniture and stable. At the same meeting a note from Mr. George P. Upham was read offering to erect at Waverley, in memory of his son, George P. Upham, Jr., under the direction of his own architect, a building similar to that known as the Appleton Ward for men at Somerville; the offer was gratefully accepted, and the building is in course of construction.

The accounts of the Treasurer for the year 1892 have been examined and found correct.

HENRY P. WALCOTT,
EDMUND DWIGHT,

*Committee of Trustees.*

# REPORT OF THE COMMITTEE ON NEW ASYLUM AND GROUNDS TO THE TRUSTEES.

The Committee on New Asylum and Grounds begs leave to report progress in the performance of the duty assigned to them.

Thirteen meetings of the Committee for the transaction of business have been held during the year.

Two buildings corresponding to the Women's Appleton and Belknap, have been built on the Hospital grounds at Waverley and are now receiving their inside finish. The plans for these buildings were drawn by Messrs. Fehmer & Page, and the contract for construction was taken by Messrs. Connery & Wentworth for $110,424.

Mr. George P. Upham having made the McLean Hospital the generous gift of a Men's Appleton building, to be called the Upham Memorial Building, plans were prepared by Mr. W. Y. Peters, approved by the Committee, and accepted by the Trustees. The contract for construction was taken by Messrs. Norcross Bros., but owing chiefly to delay caused by the strike of the granite cutters, all work above the cellar walls has been postponed till next spring when it will be vigorously pushed.

Plans for the Administration Building, prepared by Messrs. Shepley, Rutan & Coolidge, of the Women's Intermediate, of the Stable and two Gate Lodges, by Messrs. Fehmer & Page, have been accepted by the Trustees, and working drawings and specifications for the contractors are in progress.

Messrs. Shaw & Hunnewell have been asked to prepare plans for the Men's Intermediate and Bowditch, Messrs. Shepley, Rutan & Coolidge, for the Men's Belknap, Kitchen, Laundry, and Laboratory,

and Messrs. Fehmer & Page for the Women's Bowditch.

Of nine principal buildings, being four for each wing, with the Administration building including kitchen and laundry, one has been given to the Hospital, two are erected and in process of finishing. Of two more the plans have been accepted by the Trustees and the architects are preparing for bids from the contractors. Of four others the plans are still in the architects' offices.

Of these nine buildings, four, being the whole women's side, will be designed by Fehmer & Page, two by Shepley, Rutan & Coolidge, two by Shaw & Hunnewell, and one by W. Y. Peters.

The outside work on the Belknap and Appleton Buildings is finished, with the exception of the window sashes, doors, and balustrades of the verandas. The interiors are nearly ready for plastering.

Plans for heating, power, and electric plant are well advanced under the advice of Col. Levi R. Greene and C. J. H. Woodbury as consulting engineers. Plans and specifications for wiring for electric light the two buildings now erected (Appleton and Belknap), having been made by Messrs. Stone & Webster, the contract for the work has been taken by the General Electric Co. for $2,985, the two competing bids being $3,900 and $4,133.70.

Plans for the water supply have been made by Marshall M. Tidd, as engineer. All the 6 in. and 8 in. pipe required has been contracted for with the McNeal Pipe & Foundry Co., Burlington, N. J., at $25.50 per ton delivered on board cars at Waverley. The contract amounts to about $2,500. An iron standpipe 45 feet high by 25 diameter, holding 150,000 gallons, or four days' supply, has been contracted for with the Cunningham Iron Works, South Boston, for

$3,970. The surface of the water in this pipe when full will stand about 45 feet higher than the roof of the highest building.

The following statement from Mr. Curtis shows in detail the amount of work done under his direction, and the cost.

Description of work done on the grounds of the McLean Hospital at Waverley for the year ending December 10, 1892.

From the sites of the Administration Kitchen, and Laboratory, Upham, Women's Belknap and Appleton there was removed,—

| | |
|---|---|
| 1,774 cu. yds. of loam at 26 cts. per yd. . . . . | $ 461.24 |
| 5,875 „ „ „ subsoil at 28 cts. to 32 cts per yd. | 1,774 40 |
| 26 „ „ boulders at $1.50 . . . . . | 39 00 |
| 1,973 „ „ ledge at $1.75 . . . . . | 3,452 75 |
| Grading around buildings by day's work and general work on the grounds . . . . . | 392.59 |
| 2,193 ft. of finished road cost . . . . . | 3,826.95 |
| 4,016 „ „ unfinished „ „ . . . . . | 2,544 45 |
| Water supply for Upham Building cost . . . . | 262 44 |
| 200 ft. of Terrace Wall in front of Women's Belknap cost . . . . . | 541.00 |
| Land drains and drainage cost . . . . . | 402 99 |
| 236 ft. of 8-in. sewer cost . . . . . | 408.80 |
| Engineering cost . . . . . | 1,630.05 |
| | $15,736.66 |

FROM JOS. H. CURTIS.

JAN. 21, 1893.

The accounts of the Treasurer show that $58,400.72 has been charged to the Building Fund during the past year, of which $40,000 has been paid Messrs Connery & Wentworth on account of work done on the buildings, and about $15,000 for roads, walls, grading, drains, and excavation of cellars. Messrs. Fehmer & Page have received $2,500 on account of their commission. The balance of $900.72 is made up of several small items.

Plans for water supply contemplate using the water from springs on our own land as far as it will go, and to draw upon the Watertown Water Works for the rest.

For sewerage, it is possible that acting in concert with the town of Belmont, connection may be made with the Metropolitan sewer. If not, the sewage may be disposed of under the surface of our own land. But as we should eventually join the Metropolitan system, the Committee is impressed with the advantage of avoiding the expense of a system which would be but temporary.

EDMUND DWIGHT,

*Secretary.*

Feb. 1, 1893.

PLAN OF
Mc. LEAN HOSPITAL LANDS
AT
WAVERLY
BELMONT, MASSACHUSETTS.
Area 176 Acres.
1893.
SCALE OF FEET
100 200 400 600 800 1000
Joseph H. Curtis,
Landscape Engr and Gardener,
Boston, Mass.
MASSACHUSETTS GENERAL HOSPITAL 1811
CONCORD TURNPIKE
MILL STREET
NORTH STREET
PLEASANT STREET
CENTRAL MASS. R.R.
FITCHBURG R.R.
BELMONT STATION
6 MILES Fr. BOSTON
WAVERLY STATION
7 MILES Fr. BOSTON
WAVERLY OAKS
Beaver Brook
MASS. GEN. HOSPITAL CONVALESCENT HOME
WAVERLY SPRING
A Administration House
B Upham Memorial for Men
C Belknap House " "
D Intermediate House " "
E Bowditch House " "
F Gymnasium " "
G Belknap House for Women
H Appleton House " "
I Intermediate House " "
J Bowditch House " "
K Gymnasium " "
L Amusement Hall, Kitchen and Labratory
M Superintendent
N Pumping, Heating and Electric Station
O Stables
P Gate Lodges
Q Farm Cottage
R Green Houses
NOTE. Entrance at North and Pleasant Street 88 Feet above Mean Low Tide
Waverly Spring 200 " " " " "
Base of Stand Pipe 280 " " " " "
Floor of Administration House 230 " " " " "
HELIOTYPE PRINTING CO., BOSTON.
A.N. HOUGHTON DEL. BOSTON.

NOTE. Entrance at North and Pleasant Street, 88 Feet above Mean Low Tide

| | | | | | | |
|---|---|---|---|---|---|---|
| Waverly Spring | 200 | " | " | " | " | " |
| Base of Stand Pipe | 280 | " | " | " | " | " |
| Floor of Administration House | 230 | " | " | " | " | " |

# DESCRIPTION OF THE NEW McLEAN HOSPITAL.

The grounds of the hospital are in the town of Belmont at the village of Waverley, having an area of one hundred and seventy-six acres. They present an uneven surface, the central parts rising one hundred and fifty to two hundred feet higher than at the entrance, with abrupt slopes near the boundaries to the east, south, and west. To the east there are wide views of Boston, the harbor, and neighboring cities; and to the south and west one looks over the village and the famous Waverley oaks, said to be four centuries old, into the valley of Charles River, and sees the suburban regions of Brighton, Brookline, Watertown, Newton, and Waltham, with beautiful distant views beyond, including the Blue Hills of Milton in the south. The ground rises in irregular terraces, and the middle one of these has been chosen as the site of the main group of buildings, the principal ones facing the southwest. The higher ground behind them is covered with a forest growth that affords protection from the northerly and easterly winds, and one half of the estate is heavily timbered woodland, especially on the side toward the east and south. When these long slopes and picturesque terraces have a few lawn openings and driveways it will make a beautiful park; and there will be a cottage here and there and walks leading to quiet retreats under the great trees with their curative influences of peacefulness and repose.

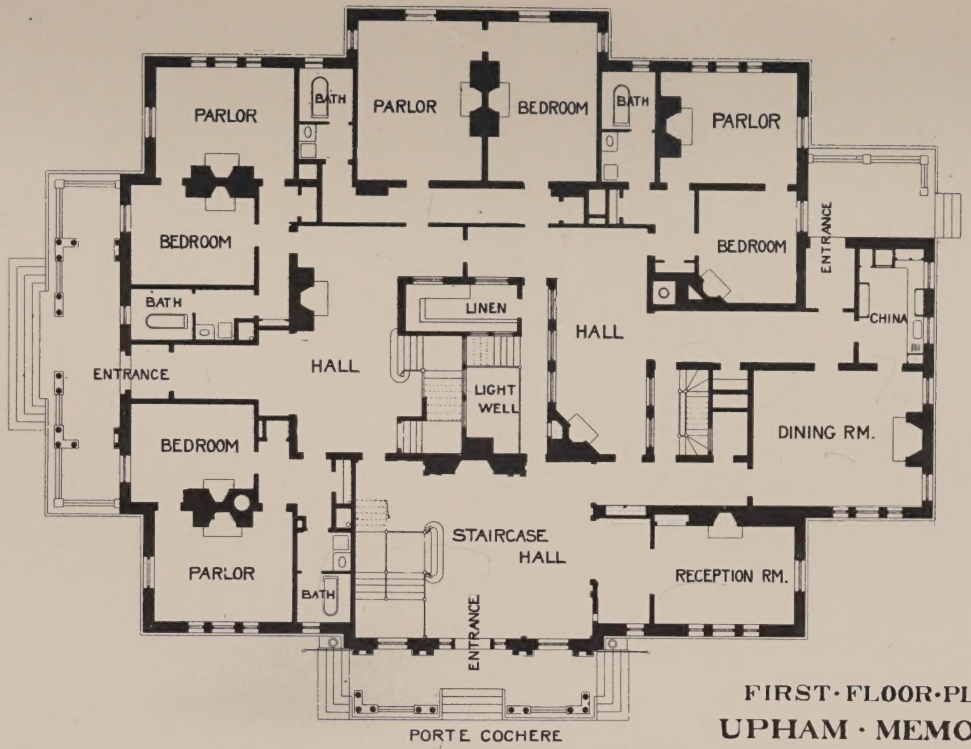
The irregularity of the surface made it difficult to fix the sites of the different buildings, and to properly arrange them in their relations to each other. But it is found that this has aided in gaining the desired result of giving each building an individual and domestic character, unlike those of an institution.

This effect is increased by varying their styles of architecture, and the materials of which they are constructed, and by placing them at distances apart of 125 to 250 feet. This arrangement affords an effective separation of each household from its neighbors. All these conditions of pleasing situation and surroundings are such as to have a remedial influence of the highest value. The desirability of attaining these conditions has led to this departure from the practice of placing such buildings near together for the sake of efficiency, ease, and economy of management. The welfare of the patients as individuals requires that their residences shall be as homelike and free from harmful influences as possible. Proper organization and management will meet the economic requirements, and with the new order of nurses, their trustworthiness and efficiency now permit this most desirable improvement in hospital construction.

The main group consists of seven buildings for patients; they are connected as to their basements by a low covered way, so arranged as to appear from outside like an ordinary garden wall about five feet high. In addition to these is the central, or administration building, with others annexed for the laboratory, entertainment hall, kitchen, workshops, and boiler house, extending a considerable distance in the rear; there is also to be a gymnasium for men, and another for women, and small special hospital buildings for a few acute cases of each sex.

Detached from the main group by a distance of about seven hundred feet is the Upham Memorial Building, affording for men an accommodation similar to that given women by the Appleton Building. Its distance from the main group and the absence of any connecting corridor leads to an administration which will be largely independent.

UPHAM MEMORIAL.




FIRST·FLOOR·PLAN

UPHAM · MEMORIAL

·WILLIAM Y·PETERS ARCHITECT·

BOSTON·MASS·

The interior construction of all the buildings is alike in many particulars that may be included in a general description. The main corridors and hallways are enclosed by brick walls, with floors of brick laid on Guastavino arches. The partitions between rooms, where not of brick, are made of terra cotta blocks. All furring is of porous terra cotta, forming an air space within the wall, no wooden lathing or furring being used. All floors are deafened with plastering between the upper and under flooring. This construction tends to make the rooms sound proof and fire proof. Stand-pipes connected with the water tower are carried through each building to the roof, with outlets and hose on each floor. These corridors are nowhere used as parlors, with patients' rooms on either side, in common hospital fashion, but they serve only as passages, ending in parlors of good size, which are sunny corner rooms in almost all cases. The corridors are also carefully provided with light by alcoves and in the open spaces for stairways, which have easy flights, broad landings, and ornamental spindle work. It is everywhere sought to gain a domestic style of construction and homelike effects.

The rooms are generally arranged with doors between so that they can be used singly, or in suites of two or more. Those in the buildings for the more quiet classes of patients nearly all have fireplaces, and these are provided liberally in the sitting-rooms of all the houses. There is an ample closet for nearly every room, and the larger closets, store-rooms, linen-rooms, bath and toilet rooms are well lighted by windows in the outer walls.

The windows generally have large panes of glass in the lower sashes; in the women's department there are generally no guards for these windows, except the

The interior construction of all the buildings is alike in many particulars that may be included in a general description. The main corridors and hallways are enclosed by brick walls, with floors of brick laid on Guastavino arches. The partitions between rooms, where not of brick, are made of terra cotta blocks. All furring is of porous terra cotta, forming an air space within the wall, no wooden lathing or furring being used. All floors are deafened with plastering between the upper and under flooring. This construction tends to make the rooms sound proof and fire proof. Stand-pipes connected with the water tower are carried through each building to the roof, with outlets and hose on each floor. These corridors are nowhere used as parlors, with patients' rooms on either side, in common hospital fashion, but they serve only as passages, ending in parlors of good size, which are sunny corner rooms in almost all cases. The corridors are also carefully provided with light by alcoves and in the open spaces for stairways, which have easy flights, broad landings, and ornamental spindle work. It is everywhere sought to gain a domestic style of construction and homelike effects.

The rooms are generally arranged with doors between so that they can be used singly, or in suites of two or more. Those in the buildings for the more quiet classes of patients nearly all have fireplaces, and these are provided liberally in the sitting-rooms of all the houses. There is an ample closet for nearly every room, and the larger closets, store-rooms, linen-rooms, bath and toilet rooms are well lighted by windows in the outer walls.

The windows generally have large panes of glass in the lower sashes; in the women's department there are generally no guards for these windows, except the

screens of wire gauze in common use. Some of the larger windows, of parlors, etc., have ornamental iron balconies; awnings will be used in summer in these places, and common folding blinds elsewhere. In the men's department the windows are treated somewhat differently, with the effect of security in places where it is needed. Electric lighting is to be used in all the buildings.

The system of heating and ventilation is designed to be free from all avoidable complication, and suited to the requirements of domestic life; each house is treated independently of all others except that all in the main connected group are supplied with steam from a central boiler-house. It is conducted in large mains through the basement corridors already described, with branches to the several buildings. This steam-heating is by indirect radiation, and distribution is effected by placing in the basement underneath nearly every room its independent heating stack, covered with metal, to which cold air is brought through ducts from openings in the outer walls. In each room the general arrangement is to place the hot-air register near the floor by the fireplace, the hot-air ducts rising in the chimney stack. The sizes of these ducts are arranged upon the basis of an allowance of about one hundred square inches of clear area for the inlet of warm air to a room of the average size of eleven by fourteen feet, having about one hundred and fifty square feet of floor space, and a cubic space of fifteen hundred feet. The inlet opening, two thirds of a square foot in area, will admit forty-eight hundred cubic feet of air in an hour at an entering velocity of two feet per second. The air of the room can thus be changed completely about three times each hour.

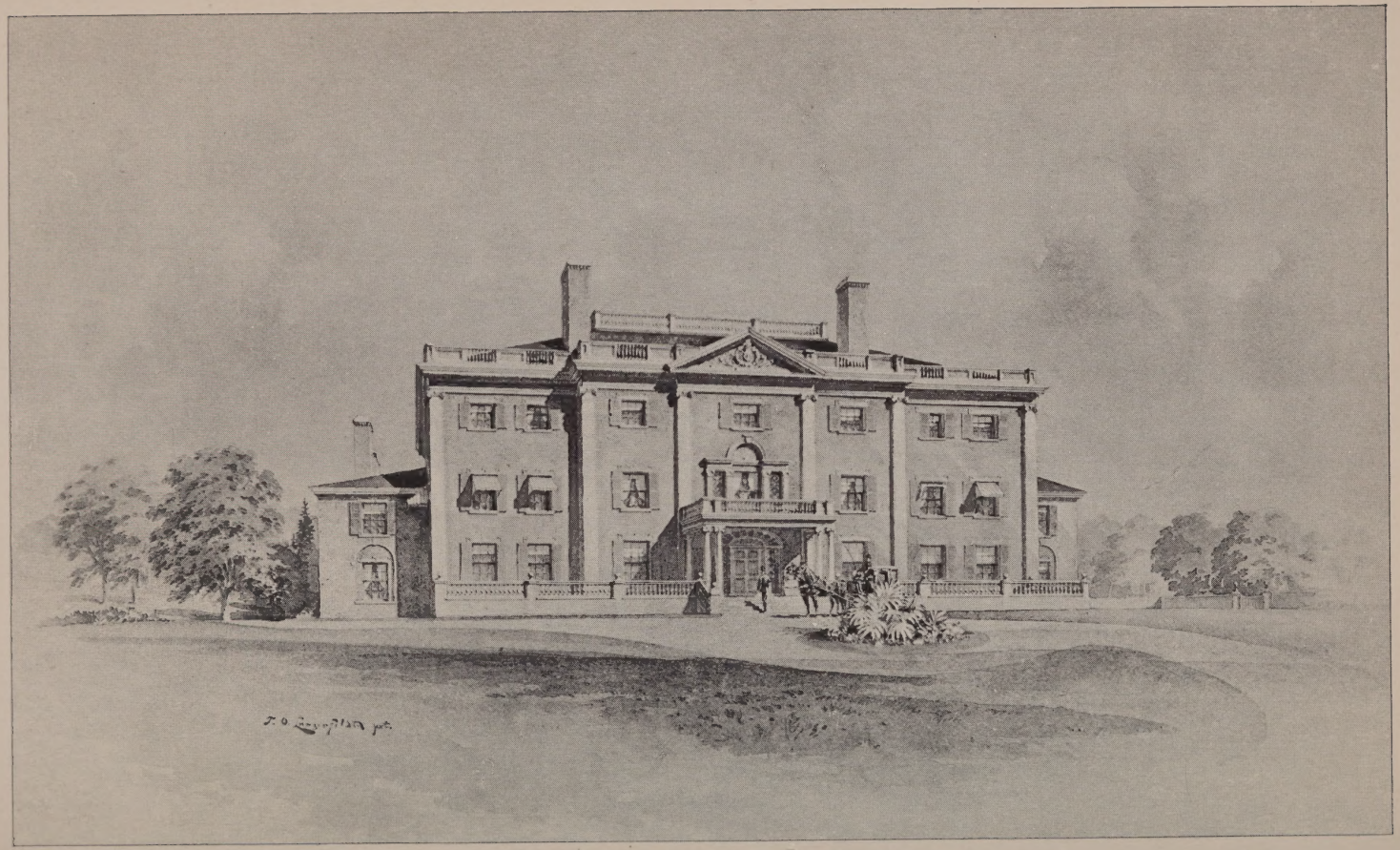
Ventilation is effected by as simple means as possible, with reliance upon natural forces and the tendency

of warm air to rise in ducts kept properly warm by being placed in the inner walls. For each room there is an outlet opening near the ceiling, and another near the floor, leading into the same ventilating duct. These outlets correspond in size to the inlets, and the exit ducts lead directly upwards to a chamber placed in the highest part of the roof. In the principal buildings there are two to four of these chambers permitting the ducts to enter them by short, lateral distances. The sides and floors of the chambers are covered with metal, and heat from steam-pipes, when required, will accelerate the outflow of air through louvered openings or copper ventilators. The dampers of the fireplaces are kept closed when there is no fire in them. No attempt is made to ventilate any room by a comparatively small outlet-duct leading upward directly to the outer air; this would act at times, particularly in cold weather, like an unused chimney flue and permit the downward flow of cold air. The simple principle of the system adopted, by which a constant outflow is determined, is in the placing of an intervening body of warm air, at a high level, between the rooms to be ventilated and the outer air. This provision, if adequate in size should always prevent the reversal of currents in ventilation. In the rooms to be ventilated the more or less rapid outflow of air is determined by simply opening or closing the upper register. The lower opening, having no valves to close it, in its register covering, is therefore always open, and the ventilation, though less active, goes on constantly by being simply let alone.

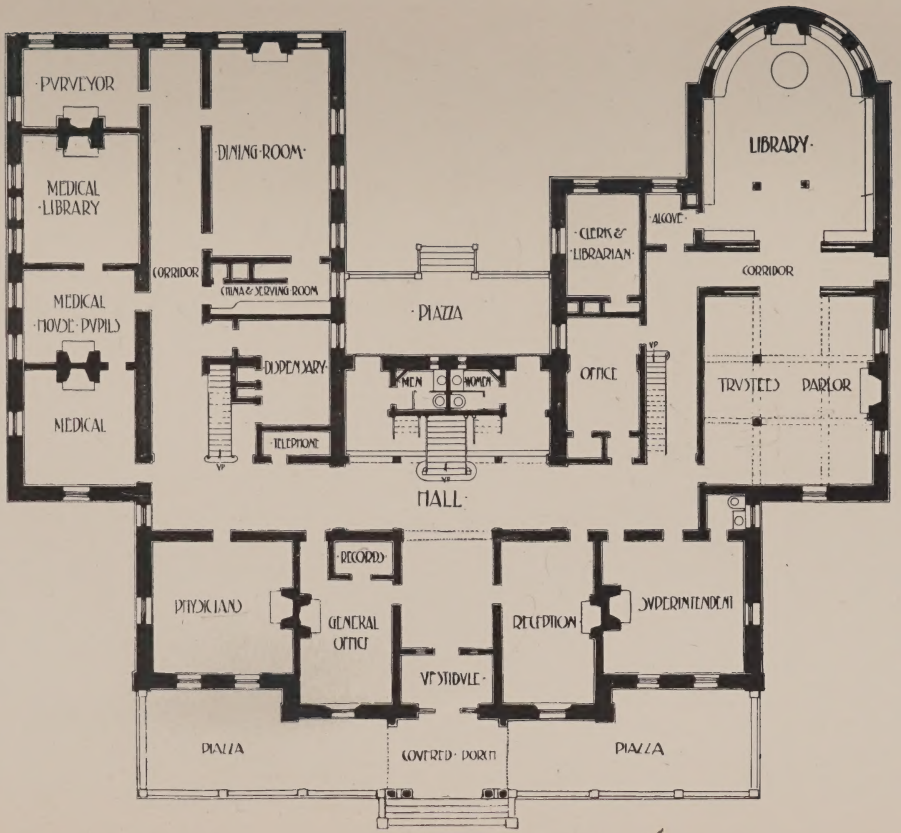
The attic rooms have a special arrangement for heating,— it is the transom system. A large supply of warm air is delivered in the upper halls and corridors, and entering the rooms through open transoms over the doors it warms the rooms, the circulation be-

ing accelerated by the chilling and downward flow of the air at the windows. The ventilation essential to this system is by outlets near the floor in all cases ; if, otherwise, there were open outlets near the ceiling, and on a level with the transom inlets, the warm air would tend to pass immediately out without warming the room.

Lavatories, bath and toilet rooms, have, in each set of these apartments, a ventilating shaft built of terra-cotta blocks, extending upward directly to the outer air, without danger of communication with the vent-ways of any living rooms. Its liberal size,— two by two and a half feet in the clear,— and its being always warmed, prevents down draughts. These shafts are incidentally warmed by the waste heat from the risers of the steam-pipes as they pass to the vent-chambers before described ; there is also utilization of waste heat from the risers of the hot-water pipes that serve the lavatories, etc. These rooms are all practically well isolated, with their independent heating and ventilation. The perfection of modern appliances, together with such conditions as exist here, permit the adoption of domestic methods rather than the extreme isolation of such rooms required in a general hospital. They are of simple construction, all plumbing fixtures being exposed, with marble or tiled floors under them. The vent-shaft serves also as a pipe-shaft around which the fixtures are closely placed ; into and out of it all water, waste, and vent pipes directly pass above the floor level of any given room. Thus there are no traps or pipe-joints to leak in the spaces between the floors and the ceilings below. There are openings on each floor, covered by panels that can be taken off, so that access to the pipe-shafts, in which ladder rungs are fixed, can be easily had at all times for repairing the pipes and traps.



ADMINISTRATION HOUSE.




FIRST FLOOR PLAN, ADMINISTRATION HOUSE.

ADMINISTRATION BUILDING.

The plans for this building were made by Messrs. Shepley, Rutan & Coolidge, of Boston. It stands as the centre of the main group, and has the appearance of a large, private residence, with broad terraces in front and rear, and an enriched central entrance and porch. The exterior is old colonial in style, and the materials are light yellow brick and white marble, with copper cornices and balustrades painted white, and a copper roof. There is a main building, rectangular in shape, of three stories and attic, and a wing of two stories and attic at either end, running back at right angles with the main axis. The total area covered by the building is 9,728 square feet, exclusive of piazzas.

The entrance leads through a wide vestibule to a spacious hall, and opposite is the main stairway, with a broad landing half way up, a large eastern window over it, and exits under it to the terrace and garden in the rear. The main corridor on the left leads to the offices and telephone room and to the dispensary, a roomy medical library, and dining-room in the west wing; on the right, to the reception rooms and other offices, and to a large parlor, and general library and reading-room for patients in the east wing. The last two rooms, by opening double doors, can be thrown together for assemblies of patients, etc., on special occasions. The second and third floors are entirely occupied as the residence of the medical staff and household officials and the servants of the house. There is a general parlor and a liberal allowance of space for the private rooms, closets, etc., while care has been taken to gain the effects of a homelike appearance and the comfort of a dwelling house.

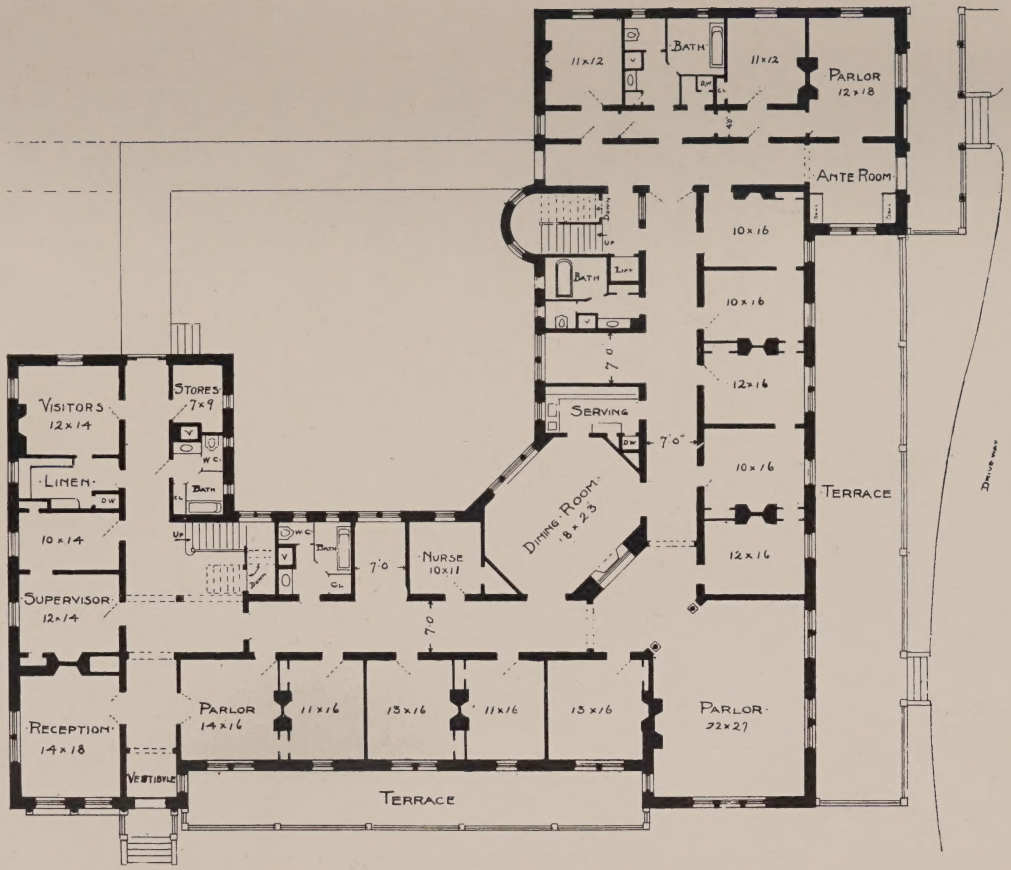
At the rear end of the west wing, a corridor leads back to the laboratory and service building, which con-

tains the entertainment hall, kitchen, etc., and is also the residence of the employes. From the entrance to this building the corridor leads westward to the house occupied by men patients. In the basement of this wing is the store-keeper's office and storerooms, and the officer's kitchen; under the other wing is the dining-room for women nurses. Here, also, begins the corridor that leads to the houses occupied by women.

### BELKNAP BUILDING.

The Belknap Building, of which Messrs. Fehmer & Page were architects, covers an area of 8,642 square feet, and will lodge thirty patients. It stands 156 feet to the southeast of the administration building, and is connected with it by the basement corridor before described, which leads to two entrances at the rear of the building. The exterior is of Eastern red brick laid with English bond. The trimmings are buff Amherst stone. The walls are vaulted, and the roof covered with dark Brownsville slates. The main house faces the southwest, and a wing extending easterly faces the southeast; there are two other entrances — the main one in front and the other at the eastern end of the wing. This arrangement, with the two stairways, divides the house into four distinct sections on each of the two floors, and each section has a lavatory and other necessary service rooms. By the aid of other devices, the rooms may be used in small groups for three or six patients each, or single rooms may be isolated from all the others. The rooms occupied by patients are all exposed to the sun at some time of the day, and nearly all face the southeast or southwest; the service rooms look out upon a large garden, the sides of which are formed by the buildings and the low covered ways. This building, being the one of those for women that stands nearest the administra-

BELKNAP HOUSE.




FIRST FLOOR PLAN, BELKNAP HOUSE.

tion building, has in the section first entered from the corridor the rooms for linen, stores, and a visitors' room, besides the room for the supervisor of the service of that group of buildings. The front entrance opens into the same hall opposite the main stairway, and the reception-room at the left of the entrance will serve also as a music-room, so isolated that patients will not be disturbed by the sounds from it.

The corridor extending to the right from a door in the entrance hall that can be closed, leads to a group of five front rooms, opposite which is a lavatory and toilet-room, a nurse's room, and an alcove to let in light. At the end of this corridor is a large general parlor,— a south corner room admitting sunlight all day. Opposite this parlor at the intersection of the main corridor with that leading to the east wing is a large dining-room which is an elongated octagon in shape, with two entrance doors and an adjoining serving-room, communicating with the kitchen below by a lift. In the wing is another group of five single rooms for patients, and opposite them, a lavatory and alcove. The corridor here opens both into a stairway and hall, by which there is an exit to the garden, or into another cross corridor leading to a large vestibule forming a sitting-room, from which there is an outside door, opening upon the eastern porch and terrace. The corridor beyond this extends to the Appleton building. Behind the cross corridor, and separated from it by a lobby, are two isolating rooms, with private lavatory, etc., a small serving-room and lift, and a sitting-room. It is here that certain new-coming patients may be received and remain a few days, or be secluded when very ill.

The second floor has a like arrangement of rooms, except that over the supervisor's and office rooms is a group of four that may be used for the partial isolation

of special cases. At the end of the east wing is also a large parlor, where in adjoining rooms, one, two, or three persons may have seclusion and quietude.

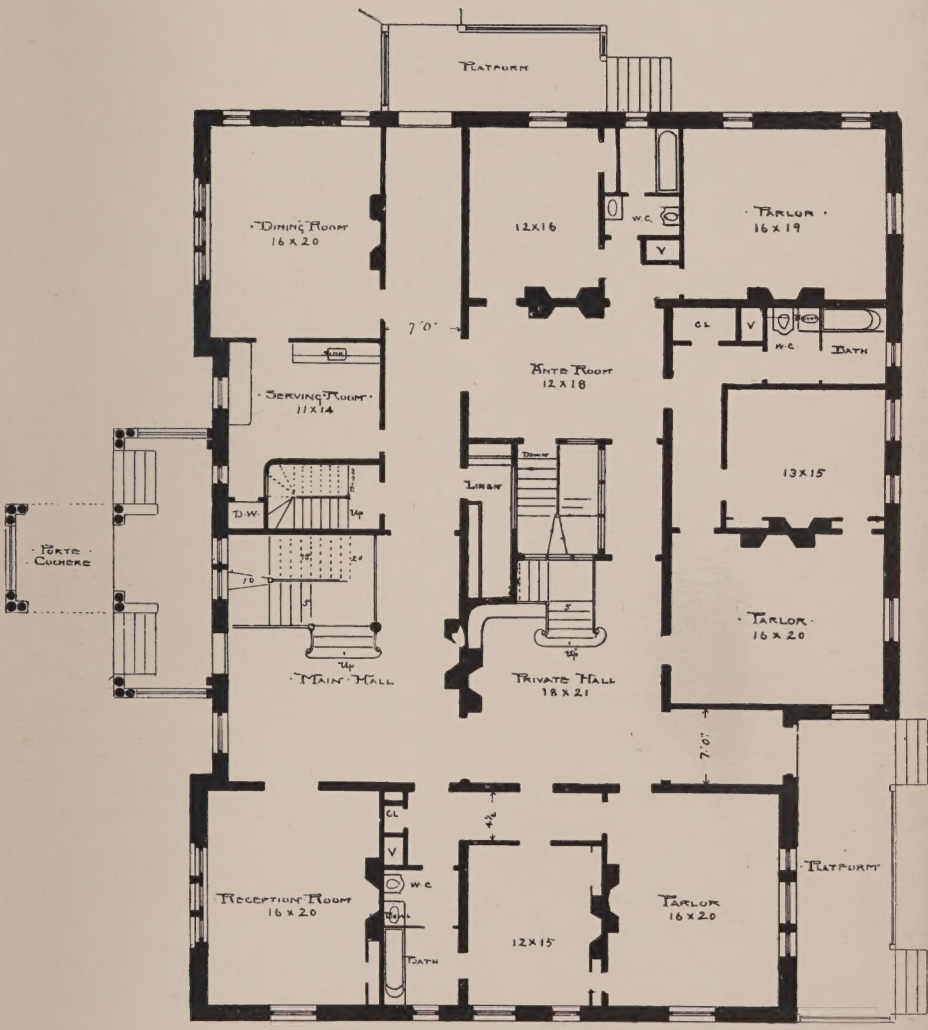
In the attic are commodious rooms for about twenty nurses with accessories of lavatories, etc., and a large sunny sitting-room over the general parlors of the wards below.

In the basement under the dining-room there is a kitchen, pantry, with refrigerator, etc., small store-room, lavatory, clothes-room and sitting-room for servants. It is proposed that much of the cooking for the patients in each building shall be done in its own kitchen. This will tend to economy in the consumption of food by improving the manner of serving and preventing waste.

### APPLETON BUILDING.

This building, of which Messrs. Fehmer & Page were architects, covers an area of fifty-five hundred square feet, and has a basement, two stories, and attic. It stands one hundred and sixty-two feet to the southeast of the Belknap, connected with it by the corridor which leads into the basement underneath a porch and first floor entrance in the rear. It is nearly square, and its main entrance, with a large porch and *porte cochère*, is on the northwest side, facing the Belknap as last described. The exterior is of so-called bench brick laid with Flemish bond with white points. The window trimmings are of white marble ; the underpinning is of cut granite; the porches, cornices, dormers, etc., are of wood, the roof slated. The entrance hall is spacious and well lighted, and contains a fireplace and handsome stairway communicating only with the second floor, with broad landings, ornamental railings, and spindle work. On the right of the entrance is a reception-room with

APPLETON HOUSE.




First Floor Plan, Appleton House.

an outlook toward the fine view in front to the southwest. On the left of the hall a corridor leads beyond the stairway to a private enclosed staircase extending from basement to attic. Beyond this is a serving-room and a dining-room, and an exit to the porch and open grounds in the rear, well shaded by trees.

There are eight suites of rooms in the two stories of the house, each including a parlor, chamber, and private lavatory, bath, and closets. Three of these suites are on the first floor, and are separated from the hall and rooms previously described by a thick wall running from the front to the rear of the building in both stories, so that the east half may be effectively isolated from the other rooms near the main entrance and those above it. There is a door at each end of the main hall and corridor, opening through the division-wall into two other halls on the east side, each having a fireplace. The front and rear halls are separated by a handsome stairway and a large well by which they are abundantly lighted. The front hall has in its front a suite of rooms facing the southwest, and at its side another facing southeast; the parlor of each of these suites is a corner room with outlook both ways, there being between them a vestibule leading from the front hall to a covered porch that forms the south corner of the rectangle covered by the building. The porch can be enclosed in winter to form a sun-room and conservatory. A passage leads from the front to the rear hall, past the light-well, and another suite of rooms occupies the east corner of the building. A private stairway leads to the basement from the passage as well as from the front hall, affording egress by way of the corridor to the gardens and gymnasium in the rear of the Belknap.

The second floor has five corresponding suites of

rooms, over those described as on the first floor, including the reception and dining room, etc., and by the two stairways, private access can be had to each suite. A peculiar arrangement of these rooms permits direct and easy inspection of each one from the halls by the nurses, or each suite may be isolated, and with the outer doors closed, each chamber, when occupied by a disturbed patient, will be separated by an intervening lobby from the halls, and beyond the hearing of other patients. This house stands higher than any of the others, and faces the attractive outlook to the westward. The rooms on the easterly side have the fine view of Boston and its immediate vicinity over the thickly growing grove of trees near the building. Above the vestibule, and looking out over the porch at the south corner, is a sunny alcove, with a large window arranged for plants in winter.

The attic contains rooms for a head nurse and about sixteen nurses, with bath, closets, etc., liberally furnished. The basement contains a kitchen, under the dining-room, with pantry, refrigerator, etc., and a lift to the two stories above. There is also a clothes-room in the basement, and a sitting-room for the servants.

The heating and ventilating is by the method already described; and each toilet-room has a like arrangement of fixtures with a special pipe and vent-shaft.

### THE UPHAM MEMORIAL BUILDING.

The Upham Memorial Building, of which Mr. William Y. Peters is the architect, is detached from the main group by about seven hundred feet, it covers an area of 7,500 square feet and has basement, two stories and attic. The exterior walls are of Somerville pressed brick with white Georgia marble trimmings. The underpinning of hammered Troy granite. The

roof covered with dark Eastern slate. The front entrance will be covered by a *porte-cochère* of white marble and there will be a covered porch of the same material at the eastern end. The style of the building is colonial. It is the counterpart of the Appleton Building for women, and affords like accommodations for men. Its distance from the other buildings and the absence of any connecting corridor, leads to an administration which will be largely independent. It stands to the westward of the administration building, and its main entrance, facing the latter, is on its northeasterly side where there is a *porte-cochère* and broad covered porch, leading to a spacious hall, which has a memorial character in its design. On the right of the entrance is a reception-room, and a passage leads to the dining-room, at the north end of the building. At the left of the entrance hall is a broad stairway leading to a capacious hall above, and beyond the stairs the hall opens into another near the front of the house, and thence a short corridor and vestibule leads to a covered porch and terrace on the south front. At each of the two corners of this front is a suite of rooms, including a parlor, chamber, and private toilet room, etc. There are nine such suites of rooms in the building, four on the first, and five on the second floor. The house is divided by a thick longitudinal wall, extending through both stories, thus affording seclusion of one half of the house from the other half when desired. In the west half of the house the front hall, already described, is connected by a passage with a rear hall, and between them is a second broad stairway, and a large well which gives an abundance of light to the interior. These intervening arrangements also aid in the seclusion of rooms when desired. There are two of the suites on the west side of the house, and these have an outlook to-

wards the valley of the Charles. A short corridor leads from the rear hall past the serving-room that adjoins the dining-room, to an exit upon a terrace at the northwest corner of the house, and out upon the grounds in the rear.

The second floor, with its five suites, that correspond closely with those on the first floor, has also a billiard and smoking room over the dining-room. All the rooms have fireplaces, ample closet room, etc., and nearly all the chambers are arranged with a special lobby intervening between them and the adjoining hall, so that the patient may have extreme quietude and seclusion from others when desired, or a disturbed patient may not annoy others.

The attic contains rooms for nurses, including a sitting-room, chamber and bath, for the supervisor and his wife who have charge of the building, and who are trained nurses. There are also rooms for a cook and housemaid. Other rooms afford accommodations for twelve men nurses, and there is space for storage. Two private stairways lead from the attic to the stories below, one passing directly to the basement.

The basement contains a large kitchen, pantry, refrigerator, and storeroom. There is also a dining-room for nurses and a sitting-room with outlook towards the west, the basement being above ground level on this side. A special arrangement for Turkish and plunge baths, etc., includes three rooms and a dressing-room.

The heating is by steam from a furnace in the basement, by indirect radiation, there being a separate stack of pipes in a metal casing for each room or group of rooms. The hot-air register of each room is near the floor, and by the side of the fireplace. The ventilation is by the simple system described in the other buildings.

# REPORT OF THE TREASURER.

In accordance with the Fifth Article of the By-Laws the report of the accounts of the Massachusetts General Hospital, made up to the last day of December, 1892, is respectfully submitted to be laid before the Corporation at its annual meeting.

*Dr.* FRANKLIN HAVEN, JR., *Treasurer, in account with the* MASSACHUSETTS GENERAL HOSPITAL, *Cr.*

| | | | |
|---|---|---|---|
| To Balance Cash on hand, Dec. 31, 1891 | $9,028.51 | By Cash paid Insurance | $3,034.06 |
| ,, Railroad Bond sold or matured | 22,200.00 | ,, ,, ,, Annuitants | 7,103.00 |
| ,, One third profits Mass. Hospital Life Ins. Co. | 10,000.00 | ,, ,, ,, Notes Receivable | 615,832.50 |
| ,, Donations and legacies | 64,425.00 | ,, ,, ,, Taxes at Belmont | 602.68 |
| ,, Income from investments | 135,854.56 | ,, ,, ,, Expenses of Hospital | 151,996.87 |
| ,, Board of paying patients at Asylum | 143,571.61 | ,, ,, ,, Expenses of Asylum | 158,120.75 |
| ,, Board of paying patients at Hospital | 25,513.35 | ,, ,, ,, Expenses of Convalescent Home | 11,396.18 |
| ,, Board of paying patients at Convalescent Home | 2,016.00 | ,, ,, ,, Investments | 431,145.35 |
| ,, Subscribers for Free Beds ($4,800 received for this purpose in 1891) | 7,898.00 | ,, ,, ,, Library | 341.36 |
| | | ,, ,, ,, House for Resident Physician | 9,471.36 |
| ,, Subscribers for Free Beds for 1893 in advance | 5,100.00 | ,, ,, ,, Warren Prize Fund account | 500.00 |
| ,, Premiums | 15,395.21 | ,, ,, ,, Surgical Instrument Fund account | 137.23 |
| ,, Dr. Edward Cowles | 799.07 | ,, ,, ,, Dr. J. W. Pratt | 657.87 |
| ,, Notes Payable | 258,000.00 | ,, ,, ,, Land and Buildings for Asylum | 58,400.72 |
| ,, Sale of Land at Somerville | 750,000.00 | ,, Balance Cash on hand, Dec. 31, 1892 | 1,061.38 |
| | $1,449,801.31 | | $1,449,801.31 |

The expense of carrying on the business of the Corporation for the year 1892 has been $321,513.80.

| | | |
|---|---|---|
| On account of Hospital . . . . . | $151,996.87 | |
| ,, ,, ,, McLean Asylum . . . . . | 158,120.75 | |
| ,, ,, ,, Convalescent Home . . . . | 11,396.18 | |
| | | $321,513.80 |

These expenses have been met from

| | | |
|---|---|---|
| Amount charged to patients . . . . . | $171,100.96 | |
| Income from various funds . . . . . | 116,041.32 | |
| Subscriptions for Free Beds for 1892 . . . | 12,698.00 | |
| Deficit drawn from the General Fund . . . | 21,673.52 | |
| | | $321,513.80 |

The expenses at the Hospital have exceeded the receipts $17,474; the expenses at the Convalescent Home have exceeded the receipts $750.98; and the expenses at the McLean Hospital have exceeded the receipts $3,448.54, making a deficit of $21,673.52.

TABLE No. 1.

HOSPITAL DEPARTMENT.

Expenses and receipts for the year 1892:—

| | | |
|---|---|---|
| Expenses at the Hospital (See Table 4) . . | | $151,996.87 |
| *Receipts.* | | |
| Income from Redman Fund (see Table 7) . . | $27,306.78 | |
| ,, ,, Free Bed Funds (see Table 7) . | 42,129.94 | |
| ,, ,, funds, income unrestricted (see Table 7) . . . . . | 3,090.00 | |
| ,, ,, General Fund (see Table 7) . . | 23,784.80 | |
| ,, ,, Free Bed Subscriptions (see Table 8) . . . . . | 12,698.00 | |
| Amount charged to patients . . . . . | 25,513.35 | |
| Deficit from General Fund . . . . . | 17,474.00 | |
| | | $151,996.87 |

TABLE No. 2.

McLEAN HOSPITAL.

## Expenses and receipts for the year 1892 :---

| | | |
|---|---|---|
| Expenses at the Asylum (see Table 5) . . . | | $158,120.75 |
| *Receipts.* | | |
| Income from Funds for Beneficiaries . . . | $5,400.60 | |
| ,, ,, ,, ,, Female Beneficiaries | 5,100.00 | |
| ,, ,, Amusement Fund . . . . . | 600.00 | |
| Amount charged to patients . . . . . | 143,571.61 | |
| | | $154,672.21 |
| Balance of expenses over receipts charged to the General Fund . . . . . | | $3,448.54 |

TABLE No. 3.

CONVALESCENT HOME.

## Expenses and receipts for the year 1892 :—

| | | |
|---|---|---|
| Expenses at Convalescent Home (see Table 6) | | $11,396.18 |
| *Receipts.* | | |
| Income from Convalescent Home Fund . . | $8,629.20 | |
| Amount charged to patients . . . . . | 2,016.00 | 10,645.20 |
| Balance of expenses over receipts charged to the General Fund . . . . . | | $750.98 |

TABLE No. 4.

## Expenses of the Hospital Department : —

| | | |
|---|---|---|
| For Stores . . . . . | $48,676.37 | |
| Gas and Oil . . . . . | 335.27 | |
| Water and Ice . . . . . | 2,656.85 | |
| Wages . . . . . | 37,641.04 | |
| Medicine . . . . . | 5,773.12 | |
| Furniture . . . . . | 11,049.20 | |
| Surgical Instruments . . . . . | 7,643.68 | |
| Stationery . . . . . | 1,095.85 | |
| Wines and Liquors . . . . . | 2,452.02 | |
| Salaries . . . . . | 4,615.00 | |
| One half General Expenses . . . . . | 1,241.67 | |
| Fuel . . . . . | 12,663.29 | |
| Contingencies . . . . . | 2,181.65 | |
| Repairs . . . . . | 13,971.86 | |
| | | $151,996.87 |

These expenditures have been for account of : —

| | | |
|---|---|---|
| 2,612 free patients for 9,256 weeks . . . . | $134,602.24 | |
| 713 other patients for 1,196 weeks . . . . | 17,394.63 | |
| | | $151,996.87 |
| The average number of patients in 1891 . . | 208 | |
| The average number of patients in 1892 . . | 201 | |
| The average cost per week in 1891 . . . . | $12.54 | |
| The average cost per week in 1892 . . . . | 14.54 | |
| The total expenses in 1891 . . . . . | 135,663.27 | |
| The total expenses in 1892 . . . . . | 151,996.87 | |
| The amount paid for account of free patients | | 134,602.24 |
| The amount received for them has been: — | | |
| From income of Free Bed Funds . . . | 42,129.94 | |
| From subscribers for this object . . . | 12,698.00 | |
| | | $54,827.94 |

The deficiency has been drawn in part from the income of various funds applicable to the purpose, and the remainder from the General Fund.

TABLE NO. 5.

EXPENSES OF THE McLEAN HOSPITAL DEPARTMENT.

| | | |
|---|---|---|
| For Stores . . . . . | $44,906.64 | |
| Laundry . . . . . | 8,902.50 | |
| Fuel . . . . . | 8,451.53 | |
| Stationery . . . . . | 481.58 | |
| Medicines and Liquors . . . . . | 2,956.86 | |
| Contingencies . . . . . | 2,624.21 | |
| Furniture . . . . . | 8,164.77 | |
| Repairs . . . . . | 15,871.91 | |
| Diversions . . . . . | 1,697.20 | |
| Belmont Improvements . . . . . | 5,216.18 | |
| Water and Ice . . . . . | 2,953.20 | |
| Lights . . . . . | 3,221.36 | |
| Wages . . . . . | 33,042.48 | |
| Salaries . . . . . | 10,220.00 | |
| One half General Expenses . . . . . | 1,241.68 | |
| Library . . . . . | 600.00 | |
| Stables . . . . . | 5,260.70 | |
| Garden . . . . . | 3,477.68 | |
| Carriages . . . . . | 226.00 | |
| | | $159,516.48 |
| Less Cr. Clothing, $245.70; Farm, $1,150.03, | | 1,395.73 |
| | | $158,120.75 |

## These expenditures have been for account of: —

| | | |
|---|---|---|
| Patients paying average cost and more | | $31,558.40 |
| Patients paying less than average cost | | 126,562.35 |
| | | $158,120.75 |
| The average number of patients in 1891 | 173 | |
| The average number of patients in 1892 | 175 | |
| The average cost per week in 1891 | $16.81 | |
| The average cost per week in 1892 | 17.29 | |
| The total expenses in 1891 | | $151,419.67 |
| The total expenses in 1892 | | 158,120.75 |
| The amount expended at the Hospital for patients who have paid less than average cost has been | | 126,562.35 |
| The amount received has been: — | | |
| From patients, 7,304 weeks' board at less than average cost | $76,176.28 | |
| Income of Funds for Beneficiaries | 5,400.60 | |
| Income of Funds for Female Beneficiaries, | 5,100.00 | |
| Income of Amusement Fund | 600.00 | |
| | | 87,276.88 |
| | | $39,285.47 |

The deficiency has been partly met by patients paying more than average cost, and the balance, $3,448.54, drawn from the General Fund.

TABLE NO. 6.

EXPENSES OF THE CONVALESCENT HOME.

| | | |
|---|---|---|
| For Stores | | $5,266.64 |
| Gas and Oil | | 77.96 |
| Furniture | | 276.86 |
| Wages | | 2,970.40 |
| Fuel | | 604.34 |
| Ice | | 173.05 |
| Repairs | | 1,225.37 |
| Contingencies | | 530.96 |
| Surgical Instruments | | 115.04 |
| Medicines | | 122.06 |
| Water Rates | | 27.00 |
| Stationery | | 6.50 |
| | | $11,396.18 |
| Whole number of patients admitted during the year, | | |
| males | 233 | |
| females | 152 | |
| | 385 | |
| Number of patients, Jan. 1, 1892 | 21 | |
| | | 406 |

| | | |
|---|---|---|
| Whole number discharged during the year . . . . | | 396 |
| Remaining, Jan. 1, 1893, males . . . . . | 5 | |
| females . . . . . | 5 | 10 |
| | | 406 |

TABLE NO. 7.

INCOME FROM INVESTMENTS.

| | |
|---|---|
| From Annuities Receivable . . . . . | $6,400.00 |
| City and Town Bonds . . . . . | 580.00 |
| Mass. Hospital Life Ins. Co. Stock . . . . . | 5,000.00 |
| Railroad Bonds . . . . . | 23,951.00 |
| Manufacturing Stocks . . . . . | 3,227.00 |
| Bank Stocks . . . . . | 6,750.22 |
| Real Estate, Productive . . . . . | 80,340.35 |
| Notes Receivable . . . . . | 6,676.54 |
| Railroad Stocks . . . . . | 2,310.00 |
| Del. Mut. Ins. Co. . . . . | 24.75 |
| Interest . . . . . | 594.70 |
| | $135,854.56 |

## Which has been distributed as follows : —

| | |
|---|---|
| To Redman Fund . . . . . | $27,306.78 |
| Warren Prize Fund . . . . . | 214.80 |
| Bowditch History Fund . . . . . | 120.00 |
| Wooden Leg Fund . . . . . | 306.00 |
| Redman Annuities . . . . . | 253.00 |
| Clara Barton Annuity . . . . . | 194.46 |
| Surgical Instrument Fund . . . . . | 88.50 |
| Amusement Fund . . . . . | 600.00 |
| Free Bed Funds { for use . . . . . | 42,129.94 |
| Free Bed Funds { for Joy Annuitants . . . . . | 500.00 |
| Beneficiaries at Asylum Funds . . . . . | 5,400.60 |
| Warren Library Fund . . . . . | 60.00 |
| One half Lincoln Fund,— Female Beneficiaries . . . | 5,100.00 |
| Funds with Income Unrestricted . . . . . | 3,090.00 |
| General Fund . . . . . | 23,784.80 |
| Convalescent Home Fund . . . . . | 8,629.20 |
| Asylum Building Fund . . . . . | 14,196.48 |
| Whittemore Fund . . . . . | 1,500.00 |
| Urbino Fund . . . . . | 250.00 |
| Treadwell Library Fund . . . . . | 300.00 |
| Samuel Cabot Fund . . . . . | 120.00 |
| Hibbard Fund . . . . . | 60.00 |
| Dalton Fund . . . . . | 600.00 |
| Bradlee Fund . . . . . | 1,050.00 |
| | $135,854.56 |

| | |
|---|---|
| The Income for 1890 was | $120,215.98 |
| The Income for 1891 was | 122,662.32 |
| The Income for 1892 has been | 135,854.56 |

## TABLE NO. 8.

### SUBSCRIBERS FOR FREE BEDS FOR 1892.

| | |
|---|---|
| American Bell Telephone Co. | $ 98 |
| Oliver Ames & Sons' Corporation | 100 |
| C. W. Amory | 100 |
| D. H. Andrews | 100 |
| Boston & Albany R. R. Co. | 500 |
| Boston & Lowell R. R. Co. | 300 |
| Boston & Maine R. R. Co. | 500 |
| Boston & Providence R. R. Co. | 100 |
| Boston Firemen's Relief Fund | 200 |
| Mrs. E. B. Bowditch | 200 |
| J. L. Bremer | 100 |
| Richard Briggs | 100 |
| Martin Brimmer | 100 |
| P. C. Brooks | 100 |
| Shepherd Brooks | 100 |
| William S. Bullard | 100 |
| Mrs. Laura M. Case | 100 |
| J. Randolph Coolidge | 100 |
| J. T. Coolidge | 100 |
| T. Jefferson Coolidge | 100 |
| T. Jefferson Coolidge, Jr. | 100 |
| J. B. Curwen | 100 |
| Mrs. Arthur Croft | 100 |
| Charles P. Curtis | 100 |
| Greely S. Curtis | 100 |
| Mrs. J. G. Cushing | 100 |
| F. Gordon Dexter | 100 |
| George Dexter | 300 |
| Mrs. C. H. Dalton | 100 |
| C. H. Dalton | 100 |
| Edmund Dwight | 100 |
| Samuel Eliot | 100 |
| William Endicott, Jr. | 100 |
| Employers' Liability Assurance Corporation, Limited | 100 |
| Mrs. Elizabeth E. Fay | 100 |
| Henry H. Fay | 100 |
| Joseph S. Fay | 100 |
| Joseph S. Fay, Jr. | 100 |
| Fitchburg R. R. Co. | 500 |
| John Foster | 100 |
| Mrs. Harriet Gray | 100 |
| George A. Gardner | 100 |
| John L. Gardner | 200 |
| Joseph B. Glover | 100 |
| Miss Eliza Goodwin | 100 |
| F. Haven, Jr. | 100 |
| Miss E. Hooper | $100 |
| E. W. Hooper | 100 |
| George D. Howe | 100 |
| Francis W. Hunnewell | 100 |
| Samuel Johnson | 100 |
| David P. Kimball | 100 |
| L. C. Kimball | 100 |
| Amory A. Lawrence | 100 |
| Mrs. Anna C. Lodge | 100 |
| Thornton K. Lothrop | 100 |
| Mrs. Thornton K. Lothrop | 100 |
| Theodore Lyman | 100 |
| Arthur T. Lyman | 100 |
| Thomas Mack | 100 |
| Miss Ida M. Mason | 100 |
| W. Powell Mason | 100 |
| Mass. Humane Society | 200 |
| Charles Merriam | 100 |
| Miss M. C. Mixter | 100 |
| C. J. Morrill | 100 |
| N. Y. & N. E. R. R. Co. | 500 |
| Old Colony R. R. Co. | 500 |
| C. E. Perkins | 100 |
| F. H. Peabody | 100 |
| Frank E. Peabody | 100 |
| W. D. Pickman | 100 |
| Mrs. B. S. Rotch | 100 |
| Dr. Wm. L. Richardson | 100 |
| Henry Saltonstall | 100 |
| F. R. Sears | 100 |
| Mrs. G. H. Shaw | 100 |
| Henry S. Shaw | 100 |
| J. P. Squire & Co. | 200 |
| Mrs. Francis Skinner | 100 |
| Bayard Thayer | 100 |
| Nathaniel Thayer | 200 |
| E. V. R. Thayer | 100 |
| George W. Wales | 100 |
| Mrs. Charles E. Ware | 100 |
| Otis E. Weld | 100 |
| West End Street Railway Co. | 500 |
| Thos. Wigglesworth | 200 |
| R. C. Winthrop, Jr. | 100 |
| Roger Wolcott | 100 |
| Mrs. J. Huntington Wolcott | 100 |
| Henry Woods | 100 |
| | $12,698 |

| | |
|---|---|
| Total Free Bed Subscriptions in 1891 | $13,198 |

## TABLE No. 9.—LIBRARY FUNDS.

### TREADWELL LIBRARY FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1891.— | | |
| Principal | | $5,000.00 |
| Income | $77.66 | |
| 1892 Income received | 300.00 | |
| | $377.66 | |
| Income expended | 243.85 | |
| | $133.81 | |
| Balance, Dec. 31, 1892:— | | |
| Principal | | $5,000.00 |
| Income | $133.81 | |

### WARREN LIBRARY FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1891:— | | |
| Principal | | $1,000.00 |
| Income | $879.62 | |
| 1892 Income Received | 60.00 | |
| | $939.62 | |
| Income expended | 97.51 | |
| | $842.11 | |
| Balance, Dec. 31, 1892:— | | |
| Principal | | $1,000.00 |
| Income | $842.11 | |

## TABLE No. 10.

### WOODEN LEG FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1891:— | | |
| Principal | | $5,100.00 |
| Income | $22.69 | |
| 1892 Income received | 306.00 | |
| | $328.69 | |
| Balance, Dec. 31, 1892:— | | |
| Principal | | $5,100.00 |
| Income | $328.69 | |

## TABLE No. 11.

### BOWDITCH HISTORY FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1891:— | | |
| Principal | | $2,000.00 |
| Income | $175.75 | |
| 1892 Income received | 120.00 | |
| | $295.75 | |
| Balance, Dec. 31, 1892:— | | |
| Principal | | $2,000.00 |
| Income | $295.75 | |

TABLE NO. 12.

GENERAL FUND.

| | | |
|---|---|---|
| Balance, Dec. 31, 1891 | $1,136,918.77 | |
| Add one third profits of Mass. Hospital Life Ins. Co. | 10,000.00 | |
| Add premiums | 15,395.21 | |
| Add legacy of Mrs. E. B. Bowditch | 5,000.00 | |
| | | $1,167,313.98 |
| Less balance of insurance account | $3,034.06 | |
| Less balance of expenses over income | 21,673.52 | |
| Balance, Dec. 31, 1892 | 1,142,606.40 | |
| | | $1,167,313.98 |

TABLE NO. 13.

RESTRICTED FUNDS.

Income devoted to free beds : —

| | |
|---|---|
| The Joy Fund, a bequest from Miss Nabby Joy | $20,000.00 |
| Belknap Fund, a bequest from Jeremiah Belknap | 10,000.00 |
| Wm. Phillips Fund, a bequest from Wm. Phillips | 5,000.00 |
| Williams Fund, a bequest from John D. Williams, of estate No. 17 Blackstone Street | 19,600.00 |
| Bromfield Fund, half of a bequest from John Bromfield | 20,000.00 |
| Miss Townsend Fund, a donation from the executors of the will of Miss Mary P. Townsend | 11,486.50 |
| Brimmer Fund, a bequest from Miss Mary Ann Brimmer | 5,000.00 |
| Wilder Fund, a bequest from Charles W. Wilder | 12,000.00 |
| Sever Fund, a bequest from Miss Martha Sever | 500.00 |
| Thompson Fund, a bequest from S. B. Thompson | 500.00 |
| Tucker Fund, a bequest from Miss Margaret Tucker | 3,312.37 |
| Davis Fund, a bequest from Mrs. Eleanor Davis | 900.00 |
| Loring Fund, a bequest from Abigail Loring | 5,000.00 |
| Nichols Fund, a bequest from B. R. Nichols | 6,000.00 |
| Gray Fund, a donation from John C. Gray | 1,000.00 |

| | |
|---|---|
| The Dowse Fund, a bequest from Thomas Dowse | $5,000.00 |
| Todd Fund, a bequest from Henry Todd | 5,000.00 |
| J. Phillips Fund, bequest from Jonathan Phillips | 10,000.00 |
| Greene Fund, a bequest from Benj. D. Greene | 5,000.00 |
| Percival Fund, a bequest from John Percival | 950.00 |
| Pickens Fund, a bequest from John Pickens | 1,676.75 |
| Treadwell Fund, part of a bequest from J. G. Treadwell | 38,703.91 |
| Raymond Fund, a bequest from E. A. Raymond | 2,820.00 |
| Harris Fund, part of a bequest from Charles Harris | 1,000.00 |
| Mason Fund, a bequest from Wm. P. Mason | 9,400.00 |
| J. L. Gardner Fund, a donation from J. L. Gardner | 20,000.00 |
| B. T. Reed Fund, a donation from Benj. T. Reed | 1,000.00 |
| Wm. Reed Fund, a bequest from Wm. Reed | 5,233.92 |
| McGregor Fund, half of a donation and bequest from James McGregor | 7,500.00 |
| Miss Rice Fund, a bequest from Miss Arabella Rice | 5,000.00 |
| Templeton Fund, half of a bequest from John Templeton | 5,000.00 |
| Mrs. J. H. Rogers Fund, a donation from J. H. Rogers | 1,177.50 |
| Beebe Fund, a bequest from J. M. Beebe | 50,000.00 |
| Lincoln Fund, half of a bequest from Mrs. F. W. Lincoln | 85,000.00 |
| Blanchard Fund, a bequest from Mrs. M. B. Blanchard | 4,000.00 |
| George Gardner Fund, a donation from George Gardner | 1,000.00 |
| Hemenway Fund, a donation from the executors of the will of Augustus Hemenway | 20,000.00 |
| Jessup Fund, part of a bequest from Dr. Chas. A. Jessup | 1,000.00 |
| Tufts Fund, bequest from Quincy Tufts | 10,000.00 |
| Read Fund, half of a bequest from Jas. Read | 1,000.00 |

| | |
|---|---|
| The Parker Fund, a bequest from Jno. Parker, Jr. | $10,000.00 |
| Miss Shaw Fund, a donation and bequest from Miss M. Louisa Shaw | 5,500.00 |
| Eliza Perkins Fund, a donation from Mrs. H. B. Rogers | 1,000.00 |
| Dwight Fund, a donation from Mrs. T. Bradford Dwight | 1,000.00 |
| Hunnewell Fund, a donation from H. H. Hunnewell | 10,000.00 |
| R. M. Mason Fund, a bequest from R. M. Mason | 5,000.00 |
| Hannah Lowell Cabot Fund, a donation from Dr. Samuel Cabot | 1,000.00 |
| Welles Fund, a donation from Miss Jane Welles | 5,000.00 |
| Black Fund, a bequest from Miss Marianna Black | 2,000.00 |
| Eben Wright Fund, an assignment of legacies by the children of T. Jefferson Coolidge | 14,000.00 |
| Paraclete Holmes Fund, a donation from W. S. Adams | 2,000.00 |
| Estabrooks Fund, a bequest from J. W. Estabrooks | 1,000.00 |
| Thayer Fund, a bequest from Nathaniel Thayer | 30,000.00 |
| Sawyer Fund, a bequest from M. P. Sawyer | 76,902.66 |
| Ann E. Gray Fund, a bequest from Miss Ann E. Gray | 5,000.00 |
| John Bertram Fund, a donation from Mrs. Clara Bertram Kimball | 5,000.00 |
| Hannah C. Leland Fund, a bequest from Mrs. Hannah C. Leland | 15,000.00 |
| Esther E. Beebe Fund, a bequest from Mrs. Esther E. Beebe | 2,000.00 |
| Ella F. Roehl Fund, a bequest from Ella F. Roehl | 8,085.02 |
| Donations from friends, two of $100 each and one of $50 | 250.00 |
| Henry B. Rogers Fund, a bequest from Henry B. Rogers | 10,000.00 |
| John H. Eastburn Fund, a bequest from John H. Eastburn | 10,000.00 |
| Mrs. Susan F. Eastburn Fund, a bequest from Mrs. Susan F. Eastburn | 1,000.00 |
| William B. Craft Fund, a bequest from William B. Craft | 5,000.00 |
| Emily W. Appleton Fund, a donation from Mrs. Emily W. Appleton | 1,000.00 |

| | | |
|---|---|---|
| The Charles R. Hayden Fund, a donation from Mrs. Annie Ruth Hayden . . | $2,000.00 | |
| Spaulding Fund, a donation of Mahlon D. and John P. Spaulding . . . . | 10,000.00 | |
| Shattuck Fund, a donation of Mrs. George C. Shattuck . . . . . | 500.00 | |
| Joel Spalding Fund, a donation of Miss Sarah R. Spalding . . . . . | 3,000.00 | |
| McGregor Fund, a bequest of Mrs. James McGregor . . . . . | 1,000.00 | |
| Bartlett Fund, a bequest of Sidney Bartlett . . . . . | 10,000.00 | |
| Jas. B. and Mary Dow Fund, a gift of Mary Dow, under the will of James B. Dow . . . . . | 5,000.00 | |
| Elisha T. Loring Fund, a bequest of Elisha T. Loring . . . . . | 10,000.00 | |
| Ellen M. Gifford Fund, part of a bequest of Ellen M. Gifford . . . . . | 10,000.00 | |
| Turner Sargent Fund, a bequest of Amelia Jackson Sargent . . . . | 5,000.00 | |
| Sarah E. Allen Fund, a bequest of Sarah E. Allen . . . . . | 5,000.00 | |
| Wm. S. Dexter Fund, a donation of Wm. S. Dexter . . . . . | 1,500.00 | |
| Wm. B. Spooner Fund, a bequest of Wm. B. Spooner . . . . . | 3,000.00 | |
| Caroline Merriam Fund, a donation from Frank Merriam . . . . . | 1,000.00 | |
| Stephen P. H. May Fund . . . . . | 1,000.00 | |
| | | $711,498.63 |

## Income devoted to Beneficiaries at McLean Hospital:—

| | | |
|---|---|---|
| Bromfield Fund, half of a bequest from John Bromfield . . . . . | $20,000.00 | |
| Read Fund, half of a bequest from Jas. Read . . . . . | 1,000.00 | |
| Appleton Fund, $10,010 a bequest from Samuel Appleton, $20,000 being a donation from Wm. Appleton . . | 30,010.00 | |
| McGregor Fund, half of a donation and bequest from James McGregor . . | 7,500.00 | |
| *Amount carried forward* . . . . | $58,510.00 | $711,498.63 |

| | | |
|---|---|---|
| *Amount brought forward* . . . . | $58,510.00 | $711,498.63 |
| Austin Fund, part of a bequest from Mrs. Agnes Austin . . . . . | 5,000.00 | |
| Kittredge Fund, a bequest from Rufus Kittredge . . . . . | 5,500.00 | |
| Templeton Fund, half of a bequest from John Templeton . . . . . | 5,000.00 | |
| Proctor Fund, a bequest from Mrs. Lydia P. Proctor . . . . . | 1,000.00 | |
| Higginson Fund, a bequest from George Higginson . . . . . | 10,000.00 | |
| Ellen M. Gifford Fund, part of a bequest from Ellen M. Gifford . . . . . | 5,000.00 | |
| | | 90,010.00 |

## Income devoted to Female Beneficiaries at McLean Hospital : —

| | |
|---|---|
| Lincoln Fund, half of a bequest from Mrs. F. W. Lincoln . . . . . | 85,000.00 |
| Bradlee Fund, a donation from Helen C. Bradlee . . . . . | 50,000.00 |

## Income unrestricted : —

| | | |
|---|---|---|
| Waldo Fund, a bequest from Daniel Waldo | 40,000.00 | |
| Blake Fund, a bequest from Stanton Blake | 10,000.00 | |
| Charles W. Faulkner Fund, bequest of C. W. Faulkner . . . . . | 2,940.00 | |
| | | 52,940.00 |

## Income devoted to any purpose except buildings : —

| | |
|---|---|
| Redman Fund, a bequest from John Redman . . . . . | 455,113.34 |

## Income devoted to a triennial Prize : —

| | |
|---|---|
| Warren Prize Fund, a bequest from Dr. J. M. Warren . . . . . | 3,579.92 |

## Income devoted to the Library :

| | |
|---|---|
| Treadwell Library Fund, part of a bequest from J. G. Treadwell . . . . . | 5,000.00 |

## Income devoted to books for Patients : —

| | |
|---|---|
| Warren Library Fund, a donation from Dr. J. C. Warren . . . . . | 1,000.00 |

| | | |
|---|---|---|
| **Income and Principal devoted to the publication of a history of the Hospital: —** | | |
| Bowditch History Fund, a bequest from N. I. Bowditch . . . . . | | $2,000.00 |
| **Income devoted to Amusements at the McLean Hospital: —** | | |
| Amusement Fund, $5,000 a bequest from Miss Mary Louisa Shaw, $5,000 a donation from Mrs. Quincy A. Shaw and other ladies . . . . . | | 10,000.00 |
| **Income devoted to special Surgical Instruments: —** | | |
| Surgical Instrument Fund, a donation from Dr. H. J. Bigelow, $1,250; donation of Mr. R. M. Moore, $100; donation of Lydia B. & O. A. Taft, $100; donation of Chas. S. Bixby, $25 . | | 1,475.00 |
| **Wooden Leg Fund: —** | | |
| A bequest from N. I. Bowditch, $5,000; donation of P. K., $100 . . . . . | | 5,100.00 |
| Convalescent Home Fund . . | $132,280.66 | |
| Donation from George A. Gardner . . . . . | 5,000.00 | |
| Donation from Miss Mary Russell . . . . . | 40.00 | |
| Bequest of Elizabeth B. I. B. Dixwell . . . . . | 1,000.00 | |
| Donation from Miss Helen C. Bradlee . . . . . | 500.00 | |
| Bequest of Elizabeth B. Bowditch . . . . . | 5,000.00 | |
| | | 143,820.66 |
| **Permanent Free Beds: —** | | |
| Miss Marion Hovey . . . . . | $1,000.00 | |
| Mrs. Fanny H. Morse . . . . . | 1,000.00 | |
| *Amount carried forward* . . . . . | $2,000.00 | |

| | | |
|---|---|---|
| *Amount brought forward* | $2,000.00 | |
| Henry S. Hovey | 1,000.00 | |
| Edward Woodman | 1,000.00 | |
| Children of Mrs. Henry Winsor | 1,000.00 | |
| D. R. Whitney | 1,000.00 | |
| George Gardner | 1,000.00 | |
| Mrs. Nathaniel Thayer | 1,000.00 | |
| Edward F. Deland | 1,000.00 | |
| Mrs. Anna I. Phillips | 1,000.00 | |
| Miss Helen W. Faulkner | 1,000.00 | |
| Jordan, Marsh & Co. | 1,000.00 | |
| | | $12,000.00 |
| Clara Barton Annuity | | 3,241.00 |
| McLean Hospital Building Fund | | 621,609.19 |
| Dr. J. H. Whittemore Memorial Fund | | 33,720.00 |
| S. R. Urbino Fund | | 5,000.00 |
| Hibbard Occupation Fund | | 1,000.00 |
| Samuel Cabot Fund for Pathological Investigation | | 2,000.00 |
| Income devoted to Investigation in the Science of Medicine:— | | |
| John Call Dalton and Edward Barry Dalton Fund, a donation from Charles H. and Henry R. Dalton | | 10,000.00 |
| Add unused income at credit of | | |
| Warren Prize Fund | $384.31 | |
| Warren Library Fund | 842.11 | |
| Bowditch History Fund | 295.75 | |
| Surgical Instrument Fund | 1,433.28 | |
| Wooden Leg Fund | 328.69 | |
| Clara Barton Annuity | 583.38 | |
| Treadwell Library Fund | 133.81 | |
| Hibbard Occupation Fund | 260.00 | |
| Samuel Cabot Fund | 1,200.00 | |
| Dalton Fund | 1,000.00 | |
| Bradlee Fund | 1,050.00 | |
| | | 7,511.33 |
| Total of Restricted Funds | | $2,312,619.07 |

## TRIAL BALANCE, DECEMBER 31, 1892.

| *Dr.* | | *Cr.* | |
|---|---|---|---|
| Land and Buildings for McLean Hospital | $50,302.49 | | |
| Land and Buildings for Hospitals | 621,290.55 | | |
| Land and Buildings for Convalescent Home | 50,000.00 | | |
| Annuities Receivable | 160,000.00 | | |
| Insurance Stock | 50,000.00 | | |
| Delaware Mutual Insurance Company's Script | 550.00 | | |
| Manufacturing Stocks | 47,800.00 | | |
| Bank Stocks | 88,400.00 | | |
| Railroad Stocks | 30,595.00 | | |
| Railroad Bonds | 408,200.00 | | |
| City and Town Bonds | 8,000.00 | | |
| Notes Receivable | 778,000.00 | | |
| Real Estate, Productive | 1,399,182.64 | | |
| Edward Cowles, Superintendent | 28,759.65 | | |
| John W. Pratt, Resident Physician | 683.76 | | |
| Balance, Cash, Dec. 31, 1891 | 1,061.38 | | |
| | $3,722,825.47 | | |
| Redman Fund | | $455,113.34 | |
| Warren Prize Fund | | 3,579.92 | $ 384.31 |
| Bowditch History Fund | | 2,000.00 | 295.75 |
| Wooden Leg Fund | | 5,100.00 | 328.69 |
| Clara Barton Annuity | | 3,241.00 | 583.38 |
| Surgical Instrument Fund | | 1,475.00 | 1,433.28 |
| Amusement Fund | | 10,000.00 | |
| Free Bed Funds | | 711,498.63 | |
| Warren Library Funds | | 1,000.00 | 842.11 |
| McLean Hospital Beneficiaries Funds | | 90,010.00 | |
| Treadwell Library Funds | | 5,000.00 | 133.81 |
| Lincoln Fund | | 85,000.00 | |
| Funds with Income Unrestricted | | 52,940.00 | |
| Permanent Free Beds Fund | | 12,000.00 | |
| McLean Hospital Building Fund | | 621,609.19 | |
| Convalescent Fund | | 143,820.66 | |
| Dr. J. H. Whittemore Memorial Fund | | 33,720.00 | |
| S. R. Urbino Fund | | 5,000.00 | |
| Samuel Cabot Fund | | 2,000.00 | 1,200.00 |
| Hibbard Occupation Fund | | 1,000.00 | 260.00 |
| General Fund | | 1,142,606.40 | |
| Notes Payable | | 262,500.00 | |
| Subscribers to Free Beds for 1893 | | 5,100.00 | |
| Dalton Fund | | 10,000.00 | 1,000.00 |
| Bradlee Fund | | 50,000.00 | 1,050.00 |
| | | $3,715,314.14 | $7,511.33 |
| | | 7,511.33 | |
| | | $3,722,825.47 | |

Property on hand belonging to the Corporation invested as follows : —

INVESTMENTS PRODUCING NO INCOME.

| | | |
|---|---|---|
| Hospital : Land and Buildings occupied for Hospital | $621,290.55 | |
| Resident Physician's balance | 683.76 | |
| Convalescent Home : Land and Buildings at Belmont | 50,000.00 | |
| McLean Hospital : Land and Buildings occupied for Hospital | 50,302.49 | |
| Superintendent's balance | 28,759.65 | |
| | | $751,036.45 |

INVESTMENTS PRODUCING INCOME.

| | |
|---|---|
| Policies Mass. Hospital Life Ins. Co. | $160,000.00 |
| 500 shares Mass. Hospital Life Ins. Co. | 50,000.00 |
| $50,000 Eastern Railroad Co. 6 per cent. Bonds | 50,000.00 |
| $60,000 Chicago, Bur. & Quincy R. R. 7 per cent. Bonds | 60,000.00 |
| $52,000 Chicago, Bur. & Quincy R. R. 5 per cent. Bonds | 52,000.00 |
| $10,000 Chicago, Bur. & Quincy R. R. 4 per cent. Bonds | 10,000.00 |
| $10,000 Chicago, Bur. & Northern R. R. 6 per cent. Bonds | 10,000.00 |
| $210,000 Atch., Topeka & Santa Fe R. R. 4 per cent. Bonds | 168,000.00 |
| $36,200 Bur. & Mo. River in Neb. R. R. non-ex. 6 per cent. Bonds | 36,200.00 |
| $4,000 Cedar Rapids & Mo. River R. R. 7 per cent. Bonds | 4,000.00 |
| $5,000 Bur., Cedar Rapids & Northern R. R. 5 per cent. Bonds | 5,000.00 |
| $3,000 Ft. Scott, So. Eastern & Mem. R. R. 7 per cent. Bonds | 3,000.00 |
| $10,000 Fremont, Elkhorn & Mo. Valley R. R. 6 per cent. Bonds | 10,000.00 |
| $2,000 City of Providence 5 per cent. Bonds | 2,000.00 |
| $6,000 City of Kansas 8 per cent. Bonds | 6,000.00 |
| 104 Shares Old Colony R. R. Co. | 10,400.00 |
| 201 ,, Boston & Albany R. R. Co. | 20,195.00 |
| 14 ,, Merrimack Manufacturing Co. | 14,000.00 |
| 1 Share Appleton ,, ,, | 1,000.00 |
| 9 Shares Amory ,, ,, | 900.00 |
| 14 ,, Amoskeag ,, ,, | 14,000.00 |
| 25 ,, Great Falls ,, ,, | 2,500.00 |
| 1 Share Lancaster Mills | 400.00 |
| *Amount carried forward* | $689,595.00 |

| | | |
|---|---|---|
| | *Amount brought forward* | $689,595.00 |
| 5 | Shares Boston Manufacturing Co. | 5,000.00 |
| 10 | ,, Stark Mills ,, ,, | 10,000.00 |
| 100 | ,, National Union Bank | 10,000.00 |
| 100 | ,, Suffolk National Bank | 10,000.00 |
| 70 | ,, Tremont ,, ,, | 7,000.00 |
| 25 | ,, Old Boston,, ,, | 2,500.00 |
| 87 | ,, State ,, ,, | 8,700.00 |
| 100 | ,, Columbian ,, ,, | 10,000.00 |
| 200 | ,, Merchants',, ,, | 20,000.00 |
| 50 | ,, New England National Bank | 5,000.00 |
| 100 | ,, Massachusetts ,, ,, | 10,000.00 |
| 50 | ,, Eagle ,, ,, | 5,000.00 |
| 2 | ,, National Bank of Commerce | 200.00 |
| Land and Store, 17 Blackstone Street | | 19,600.00 |
| ,, ,, ,, 168 Washington Street | | 45,000.00 |
| ,, ,, House, 61 Dartmouth Street | | 10,000.00 |
| Redman Estate, Washington Street | | 106,000.00 |
| Building on Floral Place | | 46,794.41 |
| Land and Stores, 496 to 500 Washington Street | | 173,719.30 |
| Land and Houses on Warrenton Street | | 26,700.00 |
| ,, ,, ,, ,, Chambers Street | | 23,900.00 |
| ,, ,, ,, ,, Cross Street | | 9,191.64 |
| ,, ,, House ,, Poplar Place | | 2,500.00 |
| Union Block, Union and Marshall Streets | | 66,875.00 |
| Real Estate, Fruit Street and vicinity | | 114,042.14 |
| Land and Buildings on Washington and Kneeland Streets. | | 350,000.00 |
| Land and Buildings 830 Washington Street | | 30,000.00 |
| Land and Buildings 273 and 275 Washington Street | | 125,860.15 |
| Land and Buildings 72-74 Tremont Street | | 249,000.00 |
| Notes secured by Mortgage | | 28,000.00 |
| ,, ,, ,, Collateral | | 100,000.00 |
| Note of the Boston and Lowell Railroad Company | | 650,000.00 |
| Delaware Mutual Ins. Co. Scrip | | 550.00 |
| Cash | | 1,061.38 |
| | Investments producing income | $2,971,789.02 |
| | Investments producing no income | 751,036.45 |
| Total, foot of Trial Balance | | $3,722,825.47 |

F. HAVEN, JR., *Treasurer.*

TABLE OF THE EXPENSES OF THE HOSPITAL AND McLEAN HOSPITAL FOR TEN YEARS, 1883 TO 1892.

ORDINARY EXPENSES.

| Year. | Cost of Paying Patients. | Cost of Free Patients. | | Total Expenses of | | Average cost per week per patient. | | Cost over Board. | |
|---|---|---|---|---|---|---|---|---|---|
| | Hospital. | Hospital. | Convalescent Home. | Hospital. | McLean. | Hospital. | McLean. | Hospital. | McLean. |
| 1883 | $18,389.28 | $90,665.70 | $6,575.92 | $115,630.90 | $139,711.39 | $12.63 | $16.16 | $91,213.57 | $5,376.89 |
| 1884 | 21,476.00 | 101,954.31 | 6,873.69 | 130,304.00 | 139,201.67 | 14.75 | 16.00 | 107,974.18 | 2,612.02 |
| 1885 | 10,728.87 | 93,411.59 | 8,483.90 | 112,624.36 | 140,278.86 | 11.99 | 15.72 | 87,464.96 | ..... |
| 1886 | 13,423.09 | 99,054.20 | 10,831.84 | 123,309.13 | 144,374.33 | 12.50 | 15.94 | 96,986.71 | 5,805.42 |
| 1887 | 15,337.90 | 105,543.61 | 9,856.94 | 130,738.45 | 139,497.70 | 12.56 | 16.35 | 105,012.17 | 15,049.93 |
| 1888 | 15,594.88 | 119,634.59 | 10,785.86 | 146,015.33 | 139,178.98 | 13.47 | 15.98 | 112,220.05 | 7,788.28 |
| 1889 | 15,612.47 | 131,216.80 | 10,737.64 | 146,829.27 | 146,574.09 | 13.64 | 16.51 | 122,005.14 | 10,255.79 |
| 1890 | 15,477.68 | 112,249.71 | 10,263.22 | 127,727.39 | 152,219.98 | 12.41 | 16.83 | 98,289.40 | 13,769.98 |
| 1891 | 14,348.39 | 121,314.88 | 10,185.65 | 135,663 27 | 151,419.67 | 12.54 | 16.81 | 110,568.08 | 12,511.94 |
| 1892 | 17,394.63 | 134,602.24 | 11,396.18 | 151,996.87 | 158,120.75 | 14.54 | 17.29 | 126,483.52 | 14,549.14 |

# Annual Report of the Resident Physician.

TABLE No. 1.

**Number of Patients in the Hospital January 1, 1893.**

| | |
|---|---|
| Paying | 17 |
| Free | 181 |
| Total | 198 |

**Admitted from January 1, 1892, to January 1, 1893.**

| | *Males.* | *Females.* | *Total.* |
|---|---|---|---|
| Patients paying board | 304 | 245 | 549 |
| Patients paying board part of the time | 95 | 69 | 164 |
| Patients entirely free | 1,560 | 1,052 | 2,612 |
| | 1,959 | 1,366 | 3,325 |
| Medical | | | 1,228 |
| Surgical | | | 3,097 |
| Children | | | 43 |

Of these, 2 paid $70; 54 paid $50; 5 paid $25; 80 paid $21; 5 paid $15; 57 paid $14; 234 paid $10.50; 123 paid $10; 103 paid $7; 43 paid $5; 2 paid $3.50; 5 paid $3.

Whole number of patients treated during the year, paying, 566; paying part of the time, 164; free, 2,793; total, 3,523.

**Discharged during the Year.**

| | *Medical.* | *Surgical.* | *Male.* | *Female.* | *Total.* |
|---|---|---|---|---|---|
| Well | 561 | 1,112 | 974 | 699 | 1,673 |
| Much relieved | 51 | 12 | 31 | 32 | 63 |
| Relieved | 328 | 644 | 612 | 360 | 972 |
| Not relieved | 71 | 23 | 42 | 52 | 94 |
| Not treated | 54 | 169 | 85 | 138 | 223 |
| Dead | 139 | 159 | 212 | 86 | 298 |
| Insane and eloped | 5 | 5 | 7 | 3 | 10 |
| | 1,209 | 2,124 | 1,963 | 1,370 | 3,333 |

**Number of Patients remaining December 31, 1892.**

| | |
|---|---|
| Males | 111 |
| Females | 78 |
| Total | 198 |

| | |
|---|---|
| Paying | 17 |
| Free | 181 |
| Total | 198 |
| Medical | 75 |
| Surgical | 123 |
| Total | 198 |

Proportion of deaths to whole number of results, 8.94 per cent.

Number of patients received on account of accidents, 588.

The greatest number of paying patients at any one time was 40; in private rooms, 7; the greatest number of free patients, 201; the greatest total, 219. The least number of paying patients at any one time was 13; in private rooms, 0; the least free, 155; the least total, 171.

The proportion of ward beds occupied by free patients, was 79 per cent.; by paying patients, 21 per cent.

About 7.85 per cent. of the paying patients occupied private rooms. The average number of patients was 201; males, 109; females, 92.

The average number of paying patients was 23; Americans, 18; foreigners, 5.

The average number in private rooms, 2.

The average number of free patients was 178; Americans, 90; foreigners, 88.

The average time of paying patients was 2.17 weeks; and that of free patients, 3.54 weeks.

TABLE No. 2.

Residences.

| | |
|---|---|
| Boston | 965 |
| Massachusetts (excepting Boston) | 2,077 |
| Maine | 41 |
| New Hampshire and Vermont | 105 |
| Rhode Island and Connecticut | 43 |
| Other States | 52 |
| British Provinces | 42 |
| | 3,352 |

TABLE No. 3.

Birthplaces.

| | |
|---|---|
| Boston | 172 |
| Massachusetts (excepting Boston) | 1,023 |
| Maine | 190 |
| New Hampshire | 150 |
| Vermont | 48 |
| Rhode Island and Connecticut | 69 |
| New York | 49 |
| Southern and Western States | 90 |
| Total Americans | 1,791 |
| British Provinces | 402 |
| Great Britain | 175 |
| Ireland | 708 |
| Germany | 52 |
| Norway and Sweden | 65 |
| France | 16 |
| Switzerland | 6 |
| Italy | 25 |
| Other places | 85 |
| Total foreigners | 1,534 |

TABLE No. 4.

Occupations.

| *Males.* | *Paying.* | *Free.* | *Partial.* |
|---|---|---|---|
| Mechanics | 74 | 390 | 43 |
| Laborers | 16 | 359 | 17 |
| Farmers | 31 | 90 | 15 |
| Miners | 16 | 155 | 3 |
| Seamen | 12 | 79 | 6 |
| Clerks | 28 | 90 | 5 |
| Teamsters | 12 | 66 | 9 |
| Traders | 24 | 83 | 7 |
| Servants | 11 | 54 | 8 |
| Clergymen | 3 | 6 | |
| Lawyers | 5 | | |
| Doctors | 10 | 4 | |
| Merchants | 20 | 67 | |
| Students | 16 | 46 | |
| Others | 36 | 61 | |
| | 314 | 1,550 | 113 |

Total males, 1,959. Of these 40 were in private rooms.

Occupations.

| *Females.* | *Paying.* | *Free.* | *Partial.* |
|---|---|---|---|
| Domestics | 14 | 347 | 5 |
| Minors | 8 | 88 | 6 |
| Wives | 142 | 378 | 46 |
| Widows | 27 | 53 | 10 |

Occupations.

| *Males.* | *Paying.* | *Free.* | *Partial.* |
|---|---|---|---|
| Seamstresses | 8 | 26 | 2 |
| Spinsters | 9 | 10 | |
| Operators | 5 | 33 | |
| Teachers | 7 | 12 | |
| Clerks | 8 | 27 | |
| Nurses | 1 | 21 | |
| Others | 16 | 53 | 4 |
| | 245 | 1,048 | 73 |

Total females, 1,366. Of these, 16 were in private rooms.

TABLE No. 5.

Out-patients.

| | |
|---|---|
| Number of new patients | 26,718 |
| Men | 12,550 |
| Women | 10,071 |
| Children | 4,097 |
| Americans | 13,524 |
| Foreigners | 13,194 |
| Residents of Boston | 13,267 |
| Of other places | 13,451 |
| Medical department for women | 4,717 |
| Medical department for men and children | 5,129 |
| Surgical department | 9,461 |
| Ophthalmic department | 1,280 |
| Department for diseases of skin | 2,670 |
| Department for diseases of nervous system | 998 |
| Department for diseases of the throat | 2,463 |
| Total attendance, 84,649. | |
| Average daily attendance, 282. | |
| Number of applicants | 20,618 |
| Number admitted | 19,190 |
| Number refused | 448 |
| Number sent to physician's office | 980 |
| Number visited | 1,119 |
| Number visited, correct statement | 676 |
| Number visited, incorrect statement | 443 |

TABLE NO. 6.

CONVALESCENT HOME.

| | | | |
|---|---|---|---|
| Admitted in 1890 | | | 367 |
| Admitted in 1891 | | | 368 |
| | *Males.* | *Females.* | *Total.* |
| Remaining Jan. 1, 1892 | 11 | 10 | 21 |
| Admitted during 1892 | 233 | 152 | 385 |
| Total | 244 | 162 | 406 |
| Discharged | 239 | 157 | 396 |
| Remaining Jan. 1, 1893 | 5 | 5 | 10 |

## TABLE No. 7.

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS AT THE MASSACHUSETTS GENERAL HOSPITAL, FROM JANUARY 1, 1882, TO DECEMBER 31, 1892.

| YEAR. | Total admitted. | Free. | Paying board all the time. | Paying part of the time. | Whole number treated. | | | Discharged well. | Percentage on "Total admitted." | Much relieved, or relieved in part. | Not relieved. | Not treated, unfit, dismissed, etc. | Deaths. | Percentage on "Total admitted." | Greatest number free at one time. | Greatest number paying at one time. | Greatest total. | Latest total. | Average. | Accidents. | Average time of paying weeks. | Average time of free weeks. | Patients remaining under treatment Dec. 31. | | Out-patients treated. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Paying board. | Paying board part of time. | Free. | | | | | | | | | | | | | | | | Paying. | Free. | |
| 1882 | 2147 | 1736 | 399 | 12 | 414 | 12 | 1876 | 1312 | 61 | 463 | 59 | 13 | 177 | 8.13 | 167 | 35 | 195 | 143 | 168 | 348 | 2.84 | 4.41 | 24 | 141 | 16304 |
| 1883 | 2020 | 1492 | 449 | 79 | 473 | 79 | 1633 | 1286 | 63 | 378 | 61 | 108 | 181 | 8.93 | 168 | 49 | 189 | 143 | 168 | 432 | 2.75 | 4.80 | 32 | 128 | 7102* |
| 1884 | 2096 | 1667 | 382 | 47 | 448 | 47 | 1815 | 1318 | 62 | 367 | 68 | 137 | 191 | 9.11 | 159 | 40 | 186 | 129 | 165 | 397 | 3. | 4.14 | 19 | 148 | 14824 |
| 1885 | 2327 | 1910 | 371 | 46 | 382 | 46 | 2044 | 1584 | 68 | 361 | 73 | 129 | 192 | 8.25 | 166 | 26 | 184 | 147 | 167 | 443 | 2.38 | 4.08 | 11 | 134 | 17016 |
| 1886 | 2580 | 2124 | 392 | 64 | 409 | 64 | 2283 | 1689 | 65 | 411 | 64 | 175 | 192 | 7.44 | 178 | 30 | 206 | 133 | 173 | 471 | 2.78 | 3.72 | 17 | 159 | 17925 |
| 1887 | 2814 | 2340 | 429 | 45 | 447 | 45 | 2523 | 1694 | 60 | 565 | 89 | 173 | 245 | 8.70 | 196 | 40 | 217 | 150 | 185 | 490 | 2.90 | 3.57 | 18 | 183 | 18981 |
| 1888 | 3256 | 2549 | 553 | 154 | 570 | 154 | 2731 | 2021 | 61 | 640 | 100 | 210 | 277 | 8.50 | 194 | 42 | 215 | 156 | 193 | 496 | 2.16 | 3.46 | 17 | 182 | 19472 |
| 1889 | 3419 | 2825 | 500 | 94 | 514 | 94 | 3016 | 2034 | 59 | 669 | 110 | 300 | 285 | 8.33 | 205 | 29 | 227 | 170 | 207 | 530 | 2.28 | 3.40 | 14 | 191 | 22939 |
| 1890 | 3381 | 2546 | 581 | 254 | 599 | 254 | 2719 | 1880 | 55 | 874 | 101 | 241 | 278 | 8.13 | 200 | 37 | 225 | 158 | 198 | 601 | 2.14 | 3.55 | 18 | 173 | 22545 |
| 1891 | 3203 | 2566 | 425 | 212 | 449 | 212 | 2748 | 1400 | 43 | 1182 | 106 | 225 | 268 | 8.36 | 204 | 36 | 233 | 175 | 208 | 595 | 2.69 | 3.76 | 24 | 182 | 25819 |
| 1892 | 3325 | 2612 | 549 | 164 | 566 | 164 | 2793 | 1673 | 50 | 1035 | 94 | 223 | 298 | 8.96 | 201 | 40 | 219 | 171 | 201 | 588 | 2.17 | 3.54 | 17 | 181 | 26718 |

*Out-patient Department open only five months.

Total of patients in wards, from the year 1821, 87,078.

Total of out-patients, 411,369.

TABLE No. 8.

TABLE SHOWING THE COST OF THE PRINCIPAL STORES AT THE MASSACHUSETTS GENERAL HOSPITAL.

| Articles. | 1890. | | | 1891. | | | 1892. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. |
| Beef, Sirloin, lbs. | 10,740 | $2,176.92 | .20 | 8,675 | $1,953.10 | .22½ | 8,703 | $1,817.07 | .20 |
| ,, Corned, ,, | 8,291 | 570.00 | .06¾ | 8,511 | 666.46 | .07⅜ | 8,633 | 539.50 | .06¼ |
| ,, Round, ,, | 35,902 | 2,600.76 | .07 | 35,479 | 2,838.08 | .07⅜ | 39,017 | 2,883.95 | .07½ |
| ,, Rump, ,, | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| ,, Roasting, ,, | 18,290 | 1,662.88 | .09 | 18,460 | 1,882.20 | .10 | 20,064 | 1,858.61 | .09 |
| Mutton . . . ,, | 12,886 | 1,490.28 | .11 | 12,504 | 1,449.67 | .11¾ | 12,836 | 1,560.51 | .12 |
| Poultry . . . ,, | 15,339 | 2,303.71 | .15 | 15,196 | 2,219.53 | .14 | 18,055 | 2,890.16 | .16 |
| Butter . . . ,, | 15,130 | 3,969.63 | .26⅜ | 16,315 | 4,474.38 | .27½ | 17,592 | 4,763.48 | .27 |
| Eggs . . . . doz. | 11,959 | 3,289.27 | .27½ | 11,961 | 3,001.98 | .25½ | 12,466 | 2,925.58 | .23½ |
| Flour . . . bbls. | 107 | 647.50 | 6.05 | 113 | 690.45 | 6.11 | 115 | 611.25 | 5.31 |
| Bread . . . . lbs. | 33,560 | 1,845.81 | .05½ | 38,705 | 2,128.78 | 1.055 | 42,930 | 2,361.16 | .055 |
| Ice . . . tons | 268,097 | 1,362.31 | 5.08 | 282.69 | 565.39 | 2.00 | 334.14 | 668.25 | 2.00 |
| Sugar . . . lbs. | 28,165 | 1,853.38 | .06¾ | 28,140 | 1,404.34 | .049¾ | 29,487 | 1,267.18 | .0429¾ |
| Tea . . . . ,, | 1,270 | 471.88 | .37 | 1,193 | 410.36 | .34 | 1,243 | 373.56 | .30 |
| Milk . . . . qts. | 151,477 | 7,771.94 | .051 | 171,418 | 7,821.21 | .045 | 175,218½ | 9,063.10 | .051 |
| Potatoes . . bush. | 1,280 | 1,476.52 | 1.15 | 1,200 | 1,383.93 | 1.15 | 1,255 | 1,099.77 | .87¾ |

The Young Men's Christian Union gave us twenty-five rides, taking out two hundred patients.

Respectfully submitted,

JOHN W. PRATT,

*Resident Physician.*

BOSTON, Jan. 1, 1893.

The Massachusetts General Hospital is a private, not a public institution.

Applications for admission of patients must be made at the Hospital on Blossom Street, Boston, on week-days between the hours of 9 and 11 A. M. and 2 and 3 P. M.

Recent accidents admitted at all hours.

Out-patients received between 9 and 10 A. M., week-days only.

Applications from a distance must be made in writing, accompanied by a full description of the case by the attending physician, and, when a Free Bed is desired, by a statement of the pecuniary condition of the patient, and a reply should be awaited before sending the patient.

Contagious and chronic diseases are not admitted.

Regular charges to paying patients are as follows: in the Jackson Ward (private), $50 per week; in small room in the Townsend and Bigelow Wards, $25 per week; in the General Wards, $10 per week.

These rates, covering only expenses of board and lodging, may be increased or abated in individual cases by the Resident Physician.

An ambulance, accompanied by a medical officer, will be despatched to any point within the city proper for the conveyance of cases of *accident* or *urgent sudden sickness, not contagious*, to this Hospital, or elsewhere, upon notice from a physician, the police, or other responsible source, subject to the approval of the undersigned.

In cases requiring gratuitous treatment, no charge will be made.

JOHN W. PRATT,
*Resident Physician.*

# ANNUAL REPORT (SEVENTY-FIFTH)

OF THE

## SUPERINTENDENT OF THE McLEAN HOSPITAL.

The following report, with tabular statements relating to the number and condition of the patients treated in the Hospital during the year 1892, is respectfully presented: —

TABLE No. 1.

GENERAL STATISTICS OF THE YEAR.

| | Males. | Females. | Total. |
|---|---|---|---|
| Patients in the Hospital, Jan. 1, 1892 . . . | 85 | 93 | 178 |
| Admissions within the year . . . . . | 73 | 77 | 150 |
| Whole number of *cases* within the year . . | 158 | 170 | 328 |
| Discharged within the year . . . . . | 77 | 83 | 160 |
| Namely, — as Recovered . . . . . | 17 | 18 | 35 |
| Much improved . . . . . | 12 | 19 | 31 |
| Improved . . . . . | 16 | 13 | 29 |
| Unimproved . . . . . | 20 | 22 | 42 |
| Deaths . . . . . | 12 | 11 | 23 |
| Patients remaining Dec. 31, 1892, supported as private patients, . . . | 81 | 87 | 168 |
| Number of different *persons* within the year, | 155 | 167 | 322 |
| ,, ,, ,, ,, admitted . . . | 73 | 76 | 149 |
| ,, ,, ,, ,, recovered . . . | 17 | 18 | 35 |
| Daily average number of patients . . . . | 83.99 | 90.25 | 174.24 |

During the year one woman was admitted twice. Three men and two women present at the beginning of the year were discharged and re-admitted. Thus there were three hundred and twenty-eight cases treated, representing three hundred and twenty-two persons.

Of the one hundred and forty-nine persons admitted during the year, seventy-nine were regarded as recent cases, and seventy-one as chronic, or incurable.

One hundred and nine persons, forty-nine men and sixty women, had never been in any hospital. Of the remaining forty persons, twenty-eight, twenty men and eight women, were admitted for the second time; six persons, one man and five women, for the third time; one woman each for the fourth and fifth times, and one for the sixteenth and seventeenth time, and one man for the thirtieth time.

In 1892 there were thirty-one more admissions, thirty-five more discharges, and twenty-five more cases under treatment than during the year 1891; and the number present was ten less at the end than at the beginning of the year.

Of the one hundred and fifty-eight persons discharged, including deaths, twenty-six, eighteen men and eight women, were transferred or committed to other hospitals in this State, and three men and one woman to hospitals in other States.

Of the thirty-five persons discharged recovered, thirty had never before been inmates of any hospital; and of the remaining five persons, four had been in this Hospital, and one in Bloomingdale Asylum. These five persons had previously made six recoveries.

The average duration of illness from the beginning of attack in all cases recovered was 6.66 months, and the average duration of their residence in the Hospital was 5.01 months.

The percentage of recoveries on all admissions, for the year 1892, was 23.33.

The voluntary cases admitted during the year numbered fifty-three. These represented fifty-two persons, twenty-three men and twenty-nine women. Of these, thirty-one were cases of melancholia, nine of mania, five of delusional insanity, four of toxic insanity, one of paralytic insanity, and two of general paralysis.

Of these fifty-two persons, one was committed after entering the Hospital as a voluntary case. The fifty-three voluntary cases admitted during the year with thirty-nine such cases remaining from previous years furnished twelve recoveries. Thus the voluntary patients have yielded 22.6 per cent. of recoveries on the admissions of that class for 1892, thus furnishing only their due proportion of all the recoveries. Of this class, thirteen other cases were discharged much improved, twelve improved, eight not improved, and four dead. The total remaining under the voluntary relation at the end of the year is thirty-eight persons, fifteen men and twenty-two women.

The number of persons admitted as voluntary patients under the present law is as follows: namely, 1881, 1; 1882, 11; 1883, 33; 1884, 49; 1885, 34; 1886, 29; 1887, 29; 1888, 34; 1889, 41; 1890, 58; 1891, 40; 1892, 52;— a total of 411 persons in twelve years.

The voluntary cases were two more than one third of all the admissions; and it is an interesting fact that in only one of these was it found necessary for the relatives to apply for a commitment because the patient had made a formal demand to be discharged. As usual a large proportion of the voluntary patients were cases of melancholia, — thirty-one out of fifty-three admissions.

The relatively large increase of thirty-five in the number of admissions in 1892 makes a total of one hundred and fifty-one that has not been equalled in any year since 1858, when the domes now occupied by nurses were still being used as dormitories for patients; nor has the number under care in any year been greater in that time. The daily average of patients present during the last year, one hundred and seventy-four, shows nearly the present limit of capac-

ity, which is less than it was thirty or more years ago. Thus it appears that the movement of the population is becoming more rapid, which is consistent with the active character of the strictly hospital work. While it is the purpose to use the best resources of the Hospital in the treatment of recent and curable cases, it is regarded as an important part of such work that its remedial effects should be enjoyed by those whose sufferings from active forms of incurable disease can be alleviated. Many cases have been taken for limited periods of time, for first care and observation; and in other ways the result has been gained of having more patients under treatment. For such reasons as the foregoing the percentage of recoveries in relation to the admissions has been somewhat less than usual, although the actual number of recoveries was two more than in the previous year.

There is abundant evidence of an increasing demand for the kind of care that can be given by this Hospital, even under the adverse conditions which have hampered it in recent years because of its location and lack of modern advantages. The amount and kind of work it is called upon to do is ample proof of the appreciation in which its quality is held. Under properly favoring circumstances, the value of the special methods that have been developed would have been better shown. The indications are clear that this result will be gained in the new Hospital at Waverley, which it is hoped will be ready for occupation within the next year after this just beginning. The provision of the regular series of buildings for the residence of patients, administration, service, etc., that are recognized as essential at the outset, will entail a large cost in being constructed, with due foresight, and with the careful study that must be made of the present opportunity to create favorable

conditions for the greater and better work that is already demanded of such institutions.

These conditions stimulate the earnest hope that the new Hospital will not lack some special things that will add a value of many times their cost to the perfection of the new work. It has been sufficiently demonstrated here, even with inadequate means, that a gymnasium for each sex, with the desired adjuncts for occupation and entertainment, including special bathing arrangements as a part of the means of treatment by physical training, will be most valuable in the advancement of remedial methods. A small building for each sex also, that shall be specially a hospital, can be so constructed that a few patients, when admitted acutely ill, could have first treatment there, with separation from each other and from all harmful influences. This would not only be a most humane provision for the alleviation of such suffering, but it is as essential to a fitting adaptation of precise curative influences to acutely sensitive mental conditions, as are the aseptic arrangements of special wards and operating rooms, in their modern perfection, to the more material conditions of cerebral and abdominal surgery. These requisites for the finer treatment of the peculiar diseases for which this Hospital exists, would greatly enhance its perfection, and multiply the good that they do by the application of their moderate cost directly at a point of humane and scientific advancement.

The work of a laboratory for scientific investigation has been so far studied here, and planned as to its future development, that there remains no question of its value as an adjunct to the clinical work. It is to be neurological investigation in the broadest sense, and the work, both experimental and clinical, for neurology includes the knowledge of normal and

abnormal conditions of the nervous system, in both their bodily and mental manifestations. The initial conditions of fatigue, exhaustion, and weakened and disordered mental function, are to be studied by the careful observation of clinical facts, with all available instruments of precision; and if the elements of the problem are to be fully comprehended, there must be included not only the study of the grosser lesions in nervous pathology, but of the working of the vital processes of waste and excretion, nutrition and repair, to which the new science of chemical pathology now promises to lend its aid.

A special report of the Training School for Nurses will be found in the appendix. It maintains its satisfactory and indispensable service. The purposes of the school are stated, the course of instruction, and how to make application for admission.

The years of waiting, and hoping against hope, for the long expected changes that would give fair opportunity for the good work that lies plainly in the way, are now nearly ended. The beginning of the new Hospital in the past year brings near the day of better things. The few institutions in the country, of the class in which the McLean Hospital stands, hold exceptional opportunities for the best work in the advancement of the care, cure, and prevention of mental disorders. Their position is exceptional because of their freedom from the conditions that weigh upon the public charities. The call is urgent in the demand for progress in this most important and humane work, and the field for it is ready and waiting to yield rich returns for adequate labor and means to work with. The generous interest that is being widely shown in the Hospital,— in what it has done and plans to do,— is most encouraging; and the greatest helpfulness comes in substantial contributions to the

special means for the newer order of work that perhaps can hardly be included in the first provisions of the essentials to make the foundation of the Hospital complete.

There are larger reasons than ever for our thanks to the friends of the Hospital and of its patients for their interest and sympathy, and they have our heartfelt appreciation and gratitude.

Very respectfully,

EDWARD COWLES,
*Superintendent.*

## TABLE No. 2.

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS FOR TEN YEARS.

| Years. | Admitted. | Discharged. | Whole No. under care. | Died. | Much improved, etc. | Recovered. | Remaining at end of year. | Average No. of Patients. |
|---|---|---|---|---|---|---|---|---|
| 1883 | 109 | 111 | 276 | 17 | 57 | 37 | 165 | 164 |
| 1884 | 113 | 103 | 278 | 17 | 52 | 34 | 175 | 166 |
| 1885 | 95 | 100 | 270 | 17 | 46 | 37 | 170 | 171 |
| 1886 | 93 | 96 | 263 | 14 | 46 | 36 | 167 | 169 |
| 1887 | 75 | 78 | 242 | 17 | 35 | 26 | 164 | 160 |
| 1888 | 105 | 103 | 269 | 23 | 37 | 43 | 166 | 164 |
| 1889 | 113 | 105 | 279 | 16 | 56 | 33 | 174 | 168 |
| 1890 | 123 | 113 | 297 | 11 | 58 | 44 | 184 | 173 |
| 1891 | 119 | 125 | 303 | 20 | 72 | 33 | 178 | 171 |
| 1892 | 150 | 160 | 328 | 23 | 102 | 35 | 168 | 174 |

Total number of admissions from the year 1818, 7,699.

## TABLE No. 3.

MONTHLY ADMISSIONS, DISCHARGES, AND AVERAGES.

| Months. | Admissions. | | | Discharges (including Deaths). | | | Daily Average of Patients in the House. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| January . . | 3 | 10 | 13 | 4 | 3 | 7 | 80.03 | 93.26 | 173.29 |
| February . . | 5 | 4 | 9 | 2 | 3 | 5 | 83.00 | 96.31 | 179.31 |
| March . . . | 4 | 5 | 9 | 5 | 6 | 11 | 83.71 | 93.00 | 176.71 |
| April . . . | 12 | 6 | 18 | 5 | 3 | 8 | 85.66 | 92.57 | 178.23 |
| May . . . . | 6 | 7 | 13 | 4 | 10 | 14 | 88.55 | 91.13 | 179.68 |
| June . . . . | 7 | 8 | 15 | 7 | 5 | 12 | 90.50 | 89.50 | 180.00 |
| July . . . . | 5 | 11 | 16 | 6 | 11 | 17 | 89.16 | 90.61 | 179.77 |
| August . . . | 2 | 5 | 7 | 9 | 12 | 21 | 85.58 | 87.65 | 173.23 |
| September . | 7 | 9 | 16 | 8 | 6 | 14 | 80.40 | 87.47 | 167.87 |
| October . . | 6 | 6 | 12 | 7 | 9 | 16 | 78.39 | 87.93 | 166.32 |
| November . . | 11 | 4 | 15 | 8 | 6 | 14 | 81.13 | 87.88 | 169.01 |
| December . . | 5 | 2 | 7 | 12 | 9 | 21 | 81.74 | 85.68 | 167.42 |
| Total *cases* . | 73 | 77 | 150 | 77 | 83 | 160 | 83.99 | 90.25 | 174.24 |
| Total *persons* | 73 | 76 | 149 | 76 | 82 | 158 | | | |

## TABLE No. 4.

RECEIVED ON FIRST AND SUBSEQUENT ADMISSIONS.

| Number of the Admission. | Cases admitted. | | | Times previously recovered. | | |
|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. |
| First . . . . . | 49 | 60 | 109 | 4 | 9 | 13 |
| Second . . . . . | 20 | 8 | 28 | 6 | 8 | 14 |
| Third . . . . . | 1 | 5 | 6 | 2 | 3 | 5 |
| Fourth . . . . . | .... | 1 | 1 | .... | .... | .... |
| Fifth . . . . . | .... | 1 | 1 | .... | 4 | 4 |
| Sixth . . . . . | 1 | .... | 1 | 4 | .... | 4 |
| Eighth . . . . . | 1 | .... | 1 | 7 | .... | 7 |
| Sixteenth . . . . | .... | 1 | 1 | .... | 4 | 4 |
| Seventeenth . . . | .... | 1 | 1 | .... | .... | .... |
| Thirtieth . . . . | 1 | .... | 1 | 26 | .... | 26 |
| Total of *cases* . . . | 73 | 77 | 150 | 49 | 28 | 77 |
| Total of *persons* . . | 73 | 76 | 149 | .... | .... | .... |

These 77 recoveries represent 33 persons, 24 having recovered one, 4 two, 3 four, 1 seven, and 1 twenty-six times.

## TABLE No. 5.

RELATION TO HOSPITALS OF THE PERSONS ADMITTED.

| | Males. | Females. | Total. |
|---|---|---|---|
| Never before in any Hopital . . . . . | 49 | 60 | 109 |
| Former inmates of this Hospital . . . . . | 12 | 8 | 20 |
| Former inmates of other Hospitals . . . . | 10 | 7 | 17 |
| Former inmates of this and other Hospitals . | 2 | 1 | 3 |
| Total of *persons* . . . . . | 73 | 76 | 149 |

TABLE No. 6.

PARENTAGE OF PERSONS ADMITTED.

| Place of Nativity. | Males. | | Females. | | Total. | |
|---|---|---|---|---|---|---|
| | Father. | Mother. | Father. | Mother. | Father. | Mother. |
| Maine | 11 | 12 | 6 | 5 | 17 | 17 |
| New Hampshire | 4 | 4 | 6 | 6 | 10 | 10 |
| Vermont | 4 | 4 | 5 | 4 | 9 | 8 |
| Massachusetts | 23 | 24 | 27 | 29 | 50 | 53 |
| Rhode Island | 2 | 2 | 2 | 3 | 4 | 5 |
| Connecticut | .. | 1 | .. | .. | .. | 1 |
| New York | 2 | 1 | 6 | 6 | 8 | 7 |
| New Jersey | .. | .. | 1 | 1 | 1 | 1 |
| Virginia | .. | .. | 1 | 1 | 1 | 1 |
| Ohio | 2 | 2 | .. | .. | 2 | 2 |
| Indiana | .. | .. | 1 | 1 | 1 | 1 |
| Michigan | 1 | 1 | .. | .. | 1 | 1 |
| Sweden | 1 | 1 | 1 | 1 | 2 | 2 |
| England | 6 | 6 | 3 | 2 | 9 | 8 |
| Ireland | 9 | 9 | 8 | 8 | 17 | 17 |
| Nova Scotia | 2 | 1 | 1 | 1 | 3 | 2 |
| New Brunswick | 2 | 1 | 2 | 2 | 4 | 3 |
| P. E. Island | .. | .. | 1 | 1 | 1 | 1 |
| Canada | 1 | .. | .. | .. | 1 | .. |
| Scotland | .. | 1 | 2 | 2 | 2 | 3 |
| Germany | 1 | 1 | 2 | 2 | 3 | 3 |
| France | 1 | 1 | 1 | 1 | 2 | 2 |
| Poland | 1 | 1 | .. | .. | 1 | 1 |
| Total of *persons* | 73 | 73 | 76 | 76 | 149 | 149 |

TABLE No. 7.

RESIDENCE OF PERSONS ADMITTED.

| Places. | Males. | Females. | Total. |
|---|---|---|---|
| Massachusetts :— | | | |
| Suffolk County | 21 | 22 | 43 |
| Middlesex County | 23 | 25 | 48 |
| Essex County | 3 | 6 | 9 |
| Norfolk County | 3 | 8 | 11 |
| Plymouth County | 5 | 1 | 6 |
| Worcester County | 2 | 4 | 6 |
| Bristol County | 3 | .. | 3 |
| Berkshire County | 1 | 1 | 2 |
| Hampden County | 1 | .. | 1 |
| Maine | 3 | 1 | 4 |
| New Hampshire | 1 | 2 | 3 |
| Vermont | .. | 1 | 1 |
| Rhode Island | .. | 2 | 2 |
| New York | 2 | 1 | 3 |
| Pennsylvania | 1 | .. | 1 |
| Ohio | 1 | .. | 1 |
| California | 1 | 1 | 2 |
| District of Columbia | 1 | .. | 1 |
| P. E. Island | .. | 1 | 1 |
| New Brunswick | 1 | .. | 1 |
| Total of *persons* | 73 | 76 | 149 |

## TABLE No. 8.
### CIVIL CONDITIONS OF PERSONS ADMITTED.

| Number of the Admission. | Unmarried. | | | Married. | | | Widowed. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| First . . . . | 18 | 20 | 38 | 26 | 31 | 57 | 5 | 9 | 14 | 49 | 60 | 109 |
| Second . . . | 10 | 3 | 13 | 9 | 2 | 11 | 1 | 3 | 4 | 20 | 8 | 28 |
| Third . . . | .. | 3 | 3 | 1 | 2 | 3 | .. | .. | .. | 1 | 5 | 6 |
| Fourth . . . | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | 1 | 1 |
| Fifth . . . | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Sixth . . . | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | 1 | .. | 1 |
| Eighth . . . | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | 1 | .. | 1 |
| Sixteenth . . | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Thirtieth . . | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Total *persons*, | 29 | 28 | 57 | 38 | 36 | 74 | 6 | 12 | 18 | 73 | 76 | 149 |

## TABLE No. 9.
### OCCUPATIONS OF PERSONS ADMITTED.

| Occupations. | Males. | Females. | Total. |
|---|---|---|---|
| Housewife . . . . . | .. | 44 | 44 |
| Clerk . . . . . | 7 | .. | 7 |
| Manufacturer . . . . . | 2 | .. | 2 |
| Jeweller . . . . . | 1 | .. | 1 |
| Musician . . . . . | 1 | .. | 1 |
| Teacher . . . . . | .. | 4 | 4 |
| Clergyman . . . . . | 1 | .. | 1 |
| Physician . . . . . | 1 | .. | 1 |
| Student . . . . . | 2 | 1 | 3 |
| Railroad Engineer . . . . . | 1 | .. | 1 |
| Merchant . . . . . | 9 | .. | 9 |
| Ship Builder . . . . . | 1 | .. | 1 |
| Hotel Steward . . . . . | 1 | .. | 1 |
| Auditor . . . . . | 1 | .. | 1 |
| Reporter . . . . . | 1 | .. | 1 |
| Nurse . . . . . | 1 | .. | 1 |
| Inventor . . . . . | 1 | .. | 1 |
| Superintendent Mill . . . . . | 3 | .. | 3 |
| Salesman . . . . . | 6 | .. | 6 |
| Druggist . . . . . | 2 | .. | 2 |
| Actress . . . . . | .. | 1 | 1 |
| Naval Officer . . . . . | 2 | .. | 2 |
| Sea Captain . . . . . | 1 | .. | 1 |
| Sheriff . . . . . | 1 | .. | 1 |
| Book Keeper . . . . . | 2 | .. | 2 |
| Shoe Stitcher . . . . . | .. | 1 | 1 |
| Shoemaker . . . . . | 2 | .. | 2 |
| Weaver . . . . . | 1 | .. | 1 |
| Carpenter . . . . . | 3 | .. | 3 |
| Cabinet Maker . . . . . | 1 | .. | 1 |
| Roofer . . . . . | 1 | .. | 1 |
| Machinist . . . . . | 1 | .. | 1 |
| Paper Maker . . . . . | 1 | .. | 1 |
| Hat Maker . . . . . | 1 | .. | 1 |
| Plumber . . . . . | 1 | .. | 1 |
| Pedler . . . . . | 1 | .. | 1 |
| Teamster . . . . . | 1 | .. | 1 |
| Seamstress . . . . . | .. | 2 | 2 |
| Servant . . . . . | 1 | 1 | 2 |
| No Occupation . . . . . | 10 | 22 | 32 |
| Total of *persons* . . . . . | 73 | 76 | 149 |

## TABLE No. 10.

### PROBABLE CAUSES OF DISEASE IN PERSONS ADMITTED.

| Causes. | Persons Admitted. | | | | | | Committed. | | | | | | Voluntary. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Committed. | | | Voluntary. | | | Previous Attacks. | | | Hereditary Predisposition. | | | Previous Attacks. | | | Hereditary Predisposition. | | |
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| 1. Physical:— | | | | | | | | | | | | | | | | | | |
| Ill health | 2 | 7 | 9 | .. | 1 | 1 | .. | 2 | 2 | 1 | 2 | 3 | .. | 1 | 1 | .. | 1 | 1 |
| Influenza | 2 | 1 | 3 | .. | 2 | 2 | 2 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | 2 | 2 |
| Neurasthenia | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Heart Disease | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. |
| Cerebral hemorrhage | 1 | .. | 1 | 1 | .. | 1 | 1 | .. | 1 | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. |
| Cancer of bladder | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. |
| Carbuncle | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. |
| Syphilis | 2 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Nephritis | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Uterine | .. | 2 | 2 | .. | 1 | 1 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Menopause | .. | 2 | 2 | .. | 5 | 5 | .. | 1 | 1 | .. | 1 | 1 | .. | 1 | 1 | .. | 2 | 2 |
| Childbirth | .. | 3 | 3 | .. | 1 | 1 | .. | 1 | 1 | .. | 2 | 2 | .. | .. | .. | .. | 1 | 1 |
| Intemperance | 3 | 1 | 4 | 4 | .. | 4 | .. | .. | .. | .. | .. | .. | 3 | .. | 3 | .. | .. | .. |
| Opium | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Cocaine | 1 | .. | 1 | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Injury to head | 2 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Surgical operation | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. |
| Overwork | 6 | 1 | 7 | 2 | 1 | 3 | 2 | .. | 2 | 1 | .. | 1 | .. | .. | .. | 1 | .. | 1 |
| Puberty | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Old age | 2 | 2 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 2. Mental:— | | | | | | | | | | | | | | | | | | |
| Anxiety | 9 | 8 | 17 | 2 | 4 | 6 | .. | 4 | 4 | .. | 3 | 3 | 1 | 1 | 2 | .. | 2 | 2 |
| Grief | .. | 4 | 4 | 2 | 1 | 3 | .. | 3 | 3 | .. | 1 | 1 | 1 | .. | 1 | 1 | 1 | 2 |
| Religious Excitement | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. |
| Domestic and business trouble | .. | .. | .. | 2 | .. | 2 | .. | .. | .. | .. | .. | .. | 2 | .. | 2 | .. | .. | .. |
| Overstudy | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. |
| Unknown | 16 | 13 | 29 | 10 | 10 | 20 | 4 | 4 | 8 | 3 | 1 | 4 | 3 | 6 | 9 | 3 | 3 | 6 |
| Totals | 50 | 47 | 97 | 23 | 29 | 52 | 10 | 16 | 26 | 8 | 13 | 21 | 11 | 10 | 21 | 5 | 14 | 19 |

TABLE NO. 11.

RECORD OF CASES ADMITTED WITHIN THE YEAR.

| Patients. | Insane. | | | Voluntary Patients. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. |
| Admitted | 50 | 47 | 97 | 23 | 30 | 53 | 73 | 77 | 150 |
| Discharged recovered | 7 | 10 | 17 | 7 | 4 | 11 | 14 | 14 | 28 |
| much improved | 2 | 5 | 7 | 3 | 3 | 6 | 5 | 8 | 13 |
| improved | 6 | 4 | 10 | 3 | 3 | 6 | 9 | 7 | 16 |
| not improved | 7 | 4 | 11 | 1 | 7 | 8 | 8 | 11 | 19 |
| Died | 4 | 5 | 9 | 1 | 1 | 2 | 5 | 6 | 11 |
| Remaining Dec. 31, 1892 | 24 | 19 | 43 | 8 | 12 | 20 | 32 | 31 | 63 |
| Number likely to recover or improve | 6 | 9 | 15 | 5 | 12 | 17 | 11 | 21 | 32 |

## TABLE No. 12.

### AGES OF INSANE AT FIRST ATTACK, ADMISSION AND DEATH.

| Ages. | Persons First Admitted to any Hospital. | | | | | | Persons Died. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | At First Attack. | | | When Admitted. | | | At First Attack. | | | At Time of Death. | | |
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Congenital | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 15 years and less | .. | 2 | 2 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. |
| From 15 to 20 years | 1 | 2 | 3 | 1 | 2 | 3 | .. | .. | .. | .. | .. | .. |
| 20 to 25 years | 4 | 8 | 12 | 4 | 7 | 11 | .. | .. | .. | .. | .. | .. |
| 25 to 30 years | 3 | 5 | 8 | 2 | 4 | 6 | .. | 2 | 2 | .. | .. | .. |
| 30 to 35 years | 6 | 8 | 14 | 4 | 6 | 10 | 1 | 1 | 2 | .. | 1 | 1 |
| 35 to 40 years | 3 | 8 | 11 | 5 | 8 | 13 | .. | 1 | 1 | 1 | .. | 1 |
| 40 to 50 years | 14 | 18 | 32 | 13 | 19 | 32 | 3 | 1 | 4 | 3 | 4 | 7 |
| 50 to 60 years | 9 | 3 | 12 | 11 | 6 | 17 | 2 | 1 | 3 | 3 | 2 | 5 |
| 60 to 70 years | 4 | 4 | 8 | 5 | 4 | 9 | 2 | .. | 2 | 3 | 2 | 5 |
| 70 to 80 years | 2 | 2 | 4 | 2 | 3 | 5 | 1 | 2 | 3 | 2 | 2 | 4 |
| Over 80 years | 1 | .. | 1 | 2 | .. | 2 | .. | .. | .. | .. | .. | .. |
| Unknown | 2 | .. | 2 | .. | .. | .. | 3 | 3 | 6 | .. | .. | .. |
| Total of persons | 49 | 60 | 109 | 49 | 60 | 109 | 12 | 11 | 23 | 12 | 11 | 23 |
| Mean ages | Yrs. 45.37 | Yrs. 38.15 | Yrs. 41.39 | Yrs. 46.57 | Yrs. 40.65 | Yrs. 43.32 | Yrs. 49.58 | Yrs. 42.18 | Yrs. 46.04 | Yrs. 56.16 | Yrs. 52.54 | Yrs. 54.43 |

## TABLE No. 13.

### REPORTED DURATION OF INSANITY BEFORE LAST ADMISSION.

| Previous Duration. | First Admission to any Hospital. | | | All other Admissions. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Congenital | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Under 1 mo. | 19 | 20 | 39 | 8 | 9 | 17 | 27 | 29 | 56 |
| Fr. 1 to 3 mo., | 11 | 20 | 31 | 6 | 4 | 10 | 17 | 24 | 41 |
| ,, 3 ,, 6 ,, | 8 | 6 | 14 | 3 | .. | 3 | 11 | 6 | 17 |
| ,, 6 ,,12 ,, | 3 | 5 | 8 | 2 | 1 | 3 | 5 | 6 | 11 |
| ,, 1 ,, 2 yrs. | 1 | 4 | 5 | 1 | .. | 1 | 2 | 4 | 6 |
| ,, 2 ,, 5 ,, | 6 | 2 | 8 | 1 | 1 | 2 | 7 | 3 | 10 |
| ,, 5 ,,10 ,, | 1 | 2 | 3 | 1 | 1 | 2 | 2 | 3 | 5 |
| ,,10 ,,20 ,, | .. | 1 | 1 | 2 | 1 | 3 | 2 | 2 | 4 |
| Total *cases* | 49 | 60 | 109 | 24 | 17 | 41 | 73 | 77 | 150 |
| Total *persons*, | .. | .. | .. | 24 | 16 | 40 | 73 | 76 | 149 |
| Average of known persons (in years), | .57 | .65 | .60 | 2.12 | 2.03 | 2.09 | 1.06 | 1.00 | 1.03 |

## TABLE No. 14.

FORM OF MENTAL DISEASE IN CASES ADMITTED OR DISCHARGED, WITH CONDITION ON DISCHARGE.

| Form of Disease. | Cases Admitted. | | | Cases Discharged. | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Recovered. | | | Much Improved. | | | Improved. | | | Not Improved. | | | Died. | | | Total. | | |
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| A. Committed:— | | | | | | | | | | | | | | | | | | | | | |
| Mania, acute | 7 | 23 | 30 | .. | 6 | 6 | 3 | 7 | 10 | 2 | 2 | 4 | 3 | 1 | 4 | .. | 2 | 2 | 8 | 18 | 26 |
| chronic | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 1 | 1 | .. | 2 | 2 |
| Melancholia, acute | 13 | 11 | 24 | 10 | 6 | 16 | 2 | 1 | 3 | 2 | 1 | 3 | 2 | 3 | 5 | 1 | 1 | 2 | 17 | 12 | 29 |
| chronic | .. | 2 | 2 | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Dementia, secondary | .. | 3 | 3 | .. | .. | .. | .. | 1 | 1 | .. | 1 | 1 | 4 | 3 | 7 | 2 | 3 | 5 | 6 | 8 | 14 |
| senile | 3 | 3 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 3 |
| General paralysis of the insane | 13 | .. | 13 | .. | .. | .. | .. | .. | .. | 4 | .. | 4 | 3 | .. | 3 | 3 | 1 | 4 | 10 | 1 | 11 |
| Epileptic insanity | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | 1 | .. | 1 |
| Toxic insanity | 4 | .. | 4 | 1 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | 3 | . | 3 |
| Post-paralytic insanity | 2 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | 1 | .. | 1 | 2 | .. | 2 |
| Hebephrenia | .. | 1 | 1 | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Delusional insanity | 6 | 3 | 9 | .. | .. | .. | .. | 1 | 1 | 3 | 3 | 6 | 1 | 4 | 5 | .. | .. | .. | 4 | 8 | 12 |
| Circular insanity | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 1 | 1 |
| Moral insanity | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Folie du doute | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | 1 | 1 |
| B. Voluntary:— | | | | | | | | | | | | | | | | | | | | | |
| Mania, acute | 1 | 8 | 9 | .. | 3 | 3 | .. | 1 | 1 | .. | .. | .. | .. | 2 | 2 | .. | .. | .. | .. | 6 | 6 |
| recurrent | 1 | .. | 1 | .. | .. | .. | 2 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | 2 |
| Melancholia, acute | 14 | 16 | 30 | 4 | 3 | 7 | 3 | 6 | 9 | 4 | 4 | 8 | 2 | 2 | 4 | .. | 1 | 1 | 13 | 16 | 29 |
| chronic | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | 1 | 1 |
| Dementia, secondary | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | 2 | .. | .. | .. | 2 | .. | 2 |
| General paralysis of the insane | 1 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | 1 | 1 |
| Epileptic insanity | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | 1 | .. | 1 |
| Toxic insanity | 3 | 1 | 4 | 2 | .. | 2 | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | 3 | .. | 3 |
| Post-paralytic insanity | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | . | 2 | 2 | .. | 2 |
| Delusional insanity | 2 | 3 | 5 | .. | .. | .. | 1 | .. | 1 | .. | 2 | 2 | .. | 2 | 2 | 1 | .. | 1 | 2 | 4 | 6 |
| Total of cases | 73 | 77 | 150 | 17 | 18 | 35 | 12 | 19 | 31 | 16 | 13 | 29 | 20 | 22 | 42 | 12 | 11 | 23 | 77 | 83 | 160 |
| Total of persons | 73 | 76 | 149 | 17 | 18 | 35 | 11 | 19 | 30 | 16 | 13 | 29 | 20 | 22 | 42 | 12 | 11 | 23 | 76 | 82 | 158 |

## TABLE No. 15.

### DISCHARGES, CLASSIFIED BY ADMISSION AND RESULT.

| Number of the Admission. | Recovered. | | | Much Improved. | | | Improved. | | | Not Improved. | | | Died. | | | Totals. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| First | 14 | 16 | 30 | 7 | 9 | 16 | 11 | 12 | 23 | 15 | 18 | 33 | 10 | 8 | 18 | 57 | 63 | 120 |
| Second | 3 | 1 | 4 | 1 | 8 | 9 | 4 | 1 | 5 | 4 | 2 | 6 | 2 | 1 | 3 | 14 | 13 | 27 |
| Third | .. | .. | .. | 1 | 1 | 2 | 1 | .. | 1 | 1 | 1 | 2 | .. | 2 | 2 | 3 | 4 | 7 |
| Fourth | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | 2 | 2 |
| Eighth | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Sixteenth | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Twenty-ninth | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Thirtieth | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Total of cases | 17 | 18 | 35 | 12 | 19 | 31 | 16 | 13 | 29 | 20 | 22 | 42 | 12 | 11 | 23 | 77 | 83 | 160 |
| Total of persons | 17 | 18 | 35 | 11 | 19 | 30 | 16 | 13 | 29 | 20 | 22 | 42 | 12 | 11 | 23 | 76 | 82 | 158 |

## TABLE No. 16.

### CAUSES OF DEATH.

| Causes. | Committed. | | | Voluntary. | | | Totals. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. |
| Nervous system:— | | | | | | | | | |
| Exhaustion from mania, acute | .. | 2 | 2 | .. | .. | .. | .. | 2 | 2 |
| melancholia, acute | 1 | .. | 1 | .. | 1 | 1 | 1 | 1 | 2 |
| dementia, senile | 1 | 1 | 2 | .. | .. | .. | 1 | 1 | 2 |
| Convulsions in chronic mania | .. | 1 | 1 | .. | .. | .. | .. | 1 | 1 |
| General paralysis | 3 | 1 | 4 | .. | .. | .. | 3 | 1 | 4 |
| Respiratory system:— | | | | | | | | | |
| Influenza | .. | 1 | 1 | .. | .. | .. | .. | 1 | 1 |
| Pneumonia | 1 | .. | 1 | .. | .. | .. | 1 | .. | 1 |
| Phthisis pulmonalis | .. | 1 | 1 | .. | .. | .. | .. | 1 | 1 |
| General:— | | | | | | | | | |
| Apoplexy | 1 | .. | 1 | 2 | .. | 2 | 3 | .. | 3 |
| Dysentery | .. | 2 | 2 | .. | .. | .. | .. | 2 | 2 |
| Strangulated hernia | 1 | .. | 1 | .. | .. | .. | 1 | .. | 1 |
| Chronic interstitial nephrites | 1 | .. | 1 | .. | .. | .. | 1 | .. | 1 |
| Cancer | .. | 1 | 1 | .. | .. | .. | .. | 1 | 1 |
| Suicide | .. | .. | .. | 1 | .. | 1 | 1 | .. | 1 |
| Totals | 9 | 10 | 19 | 3 | 1 | 4 | 12 | 11 | 23 |

## TABLE No. 17.

### RECOVERIES, CLASSIFIED BY DURATION OF DISEASE AND TREATMENT.

| Period. | Last Attack. | | | | | | | | | All Attacks. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Duration before Admission. | | | Hospital Residence. | | | Whole Duration from the Attack. | | | Whole known period of Mental Disease. | | | Whole known period of Hospital Residence. | | |
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| A.—Committed:— | | | | | | | | | | | | | | | |
| Under 1 month | 7 | 6 | 13 | 3 | 1 | 4 | .. | .. | .. | .. | .. | .. | 3 | 2 | 5 |
| From 1 to 3 months | 2 | 6 | 8 | 2 | 7 | 9 | 3 | 7 | 10 | 3 | 7 | 10 | 1 | 7 | 8 |
| 3 to 6 months | 1 | .. | 1 | 5 | 3 | 8 | 3 | 4 | 7 | 2 | 3 | 5 | 5 | 1 | 6 |
| 6 to 12 months | .. | .. | .. | .. | 1 | 1 | 3 | .. | 3 | 4 | 1 | 5 | 1 | 1 | 2 |
| 1 to 2 years | 1 | .. | 1 | .. | .. | .. | .. | 1 | 1 | 1 | 1 | 2 | .. | 1 | 1 |
| 2 to 5 years | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. |
| 5 to 10 years | .. | .. | .. | 1 | .. | 1 | 1 | .. | 1 | 1 | .. | 1 | 1 | .. | 1 |
| Totals | 11 | 12 | 23 | 11 | 12 | 23 | 11 | 12 | 23 | 11 | 12 | 23 | 11 | 12 | 23 |
| Average of known cases (in months) | 3.65 | .89 | 2.15 | 10.60 | 2.89 | 6.40 | 14.25 | 3.79 | 8.54 | 12.75 | 3.62 | 7.98 | 9.39 | 2.77 | 5.93 |
| B.—Voluntary:— | | | | | | | | | | | | | | | |
| Under 1 month | 3 | 3 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| From 1 to 3 months | 3 | 3 | 6 | 5 | 4 | 9 | 3 | 2 | 5 | 3 | 2 | 5 | 4 | 3 | 7 |
| 3 to 6 months | .. | .. | .. | 1 | 1 | 2 | 2 | 3 | 5 | 1 | 2 | 3 | 2 | 1 | 3 |
| 6 to 12 months | .. | .. | .. | .. | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 3 | .. | 1 | 1 |
| 1 to 2 years | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 1 | 1 |
| Totals | 6 | 6 | 12 | 6 | 6 | 12 | 6 | 6 | 12 | 6 | 6 | 12 | 6 | 6 | 12 |
| Average of known cases (in months) | 1.00 | .64 | .80 | 1.95 | 3.28 | 2.67 | 2.95 | 3.92 | 3.48 | 4.75 | 6.58 | 5.66 | 2.33 | 5.46 | 3.89 |

## TABLE No. 18.

### DEATHS, CLASSIFIED BY DURATION OF DISEASE AND TREATMENT.

| Period. | Last Attack. | | | | | | | | | All Attacks. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Duration before Admission. | | | Hospital Residence. | | | Whole Duration from the Attack. | | | Whole Known Period of Mental Disease. | | | Whole Known Period of Hospital Residence. | | |
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| A. Committed: — | | | | | | | | | | | | | | | |
| Congenital | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Under 1 month | .. | 3 | 3 | 2 | 2 | 4 | .. | 1 | 1 | .. | 1 | 1 | 2 | 1 | 3 |
| From 1 to 3 months | 2 | 3 | 5 | 1 | 1 | 2 | .. | 2 | 2 | .. | 1 | 1 | 1 | 1 | 2 |
| 3 to 6 months | 2 | 1 | 3 | 1 | .. | 1 | 1 | .. | 1 | 2 | .. | 2 | 1 | 2 | 3 |
| 6 to 12 months | 1 | 1 | 2 | 1 | 1 | 2 | 2 | .. | 2 | 1 | 1 | 2 | 1 | .. | 1 |
| 1 to 2 years | 3 | .. | 3 | 1 | .. | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | .. | 1 |
| 2 to 5 years | 1 | 1 | 2 | 1 | 1 | 2 | 3 | .. | 3 | 3 | .. | 3 | 1 | 1 | 2 |
| 5 to 10 years | .. | .. | .. | .. | 1 | 1 | .. | 2 | 2 | .. | 1 | 1 | .. | .. | .. |
| 10 to 20 years | .. | .. | .. | .. | 3 | 3 | .. | 2 | 2 | .. | 3 | 3 | .. | 4 | 4 |
| Over 20 years | .. | 1 | 1 | 2 | 1 | 3 | 2 | 2 | 4 | 2 | 2 | 4 | 2 | 1 | 3 |
| Totals | 9 | 10 | 19 | 9 | 10 | 19 | 9 | 10 | 19 | 9 | 10 | 19 | 9 | 10 | 19 |
| Average of known cases (in months) | 9 35 | 29.30 | 19.32 | 89.35 | 74.77 | 82.06 | 98.70 | 104.07 | 101.38 | 98.70 | 105.77 | 102.24 | 89.75 | 92.42 | 91.09 |
| B. Voluntary: — | | | | | | | | | | | | | | | |
| From 1 to 3 months | 1 | 1 | 2 | 1 | 1 | 2 | .. | 1 | 1 | .. | 1 | 1 | .. | 1 | 1 |
| 3 to 6 months | 1 | .. | 1 | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | 1 | .. | 1 |
| 6 to 12 months | 1 | .. | 1 | 2 | .. | 2 | .. | .. | .. | 1 | .. | 1 | 2 | .. | 2 |
| 1 to 2 years | .. | .. | .. | .. | .. | .. | 2 | .. | 2 | 2 | .. | 2 | .. | .. | .. |
| Totals | 3 | 1 | 4 | 3 | 4 | 1 | 3 | 1 | 4 | 3 | 1 | 4 | 3 | 1 | 4 |
| Average of known cases (in months) | 5.00 | 1.00 | 3.66 | 8.00 | 1.50 | 5.83 | 13.00 | 2.50 | 9.50 | 13.00 | 2.50 | 9.50 | 6.00 | 1.50 | 4.50 |

## TABLE No. 19.

ANNUAL ADMISSIONS SINCE THE OPENING OF THE HOSPITAL, WITH THE DISCHARGES AND DEATHS WITHIN THE OFFICIAL YEAR AND THE NUMBER OF EACH YEAR'S ADMISSIONS REMAINING Dec. 31, 1892.

| Years Ending Dec. 31. | New Cases. | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Admitted. | | | Discharged and Died in 1892. | | | | | | | | | | | | | | |
| | | | | Recovered, | | | Much Improved. | | | Improved. | | | Not Improved. | | | Died. | | |
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Previous years . . . . | | | | .. | .. | . | .. | .. | .. | .. | .. | .. | 1 | 2 | 3 | 2 | 3 | 5 |
| 1883 . . . . . | 34 | 41 | 75 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 1884 . . . . . | 40 | 35 | 75 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | 2 | .. | .. | .. |
| 1885 . . . . . | 38 | 29 | 67 | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | 1 | .. | 1 | .. | .. | .. |
| 1886 . . . . . | 28 | 31 | 59 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 1887 . . . . . | 21 | 33 | 54 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. |
| 1888 . . . . . | 38 | 41 | 79 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| 1889 . . . . . | 47 | 40 | 87 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | 2 | .. | 2 | .. | 1 | 1 |
| 1890 . . . . . | 36 | 47 | 83 | .. | .. | .. | 1 | 1 | 2 | .. | 1 | 1 | 1 | 1 | 2 | .. | .. | .. |
| 1891 . . . . . | 39 | 50 | 89 | 2 | 3 | 5 | 4 | 3 | 7 | 5 | 3 | 8 | 2 | 5 | 7 | 3 | 0 | 3 |
| 1892 . . . . . | 49 | 60 | 109 | 11 | 13 | 24 | 2 | 4 | 6 | 6 | 7 | 13 | 7 | 8 | 15 | 4 | 4 | 8 |
| Total . . . . . | | | | 14 | 16 | 30 | 7 | 9 | 16 | 11 | 12 | 23 | 15 | 18 | 33 | 10 | 8 | 18 |

## TABLE No. 19.

ANNUAL ADMISSIONS SINCE THE OPENING OF THE HOSPITAL, WITH THE DISCHARGES AND DEATHS WITHIN THE OFFICIAL YEAR AND THE NUMBER OF EACH YEAR'S ADMISSIONS REMAINING Dec. 31, 1892. — *Concluded.*

| Years Ending Dec. 31. | Re-Admitted Cases. | | | | | | | | | | | | | | | | | | Remaining of Each Year's Admissions. Dec. 31, 1892. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Admitted. | | | Discharged and Died in 1892. | | | | | | | | | | | | | | | | | |
| | | | | Recovered. | | | Much Improved. | | | Improved. | | | Not Improved. | | | Died. | | | | | |
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| Previous years | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 22 | 18 | 40 |
| 1883 . . . . | 14 | 20 | 34 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | 3 | 2 | 5 |
| 1884 . . . . | 15 | 23 | 38 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | .. | 5 |
| 1885 . . . . | 16 | 12 | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | 2 |
| 1886 . . . . | 21 | 13 | 34 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 1 | 4 |
| 1887 . . . . | 11 | 10 | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | 2 | 1 | 3 |
| 1888 . . . . | 9 | 17 | 26 | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 9 | 11 |
| 1889 . . . . | 11 | 15 | 26 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | 2 | 6 |
| 1890 . . . . | 25 | 15 | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | 2 | 1 | .. | 1 | 4 | 7 | 11 |
| 1891 . . . . | 14 | 16 | 30 | .. | 1 | 1 | 2 | 5 | 7 | 2 | .. | 2 | 2 | .. | 2 | .. | .. | .. | 3 | 15 | 18 |
| 1892 . . . . | 24 | 17 | 41 | 3 | 1 | 4 | 3 | 4 | 7 | 3 | 1 | 4 | 1 | 3 | 4 | 1 | 2 | 3 | 32 | 31 | 63 |
| Total . . . | | | | 3 | 2 | 5 | 5 | 10 | 15 | 5 | 1 | 6 | 5 | 4 | 9 | 2 | 3 | 5 | 81 | 87 | 168 |

## TABLE No. 20.

### RELAPSED CASES ADMITTED IN EACH YEAR AND DISCHARGED IN 1892.

| Years Ending Dec. 31. | Cases Previously Recovered in this Hospital. | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Admitted. | | | Discharged and Died in 1892. | | | | | | | | | | | | | | | Remaining Sept. 30, 1892. | | |
| | | | | Recovered. | | | Much Improved. | | | Improved. | | | Not Improved. | | | Died. | | | | | |
| | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. | Ma. | Fe. | Tot. |
| 1883 . . . . . | 2 | 10 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. |
| 1884 . . . . . | 4 | 9 | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| 1885 . . . . . | 6 | 9 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| 1886 . . . . . | 10 | 3 | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| 1887 . . . . . | 3 | 4 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. |
| 1888 . . . . . | 4 | 8 | 12 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| 1889 . . . . . | 5 | 5 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 1890 . . . . . | 8 | 4 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| 1891 . . . . . | 5 | 8 | 13 | .. | 1 | 1 | 2 | 2 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 3 |
| 1892 . . . . . | 9 | 7 | 16 | 3 | .. | 3 | 2 | 1 | 3 | .. | .. | .. | 1 | 1 | 2 | .. | .. | .. | 4 | 4 | 8 |
| Totals . . . | 56 | 67 | 123 | 3 | 1 | 4 | 4 | 3 | 7 | .. | 1 | 1 | 2 | 1 | 3 | .. | 1 | 1 | 6 | 10 | 16 |

## TABLE No. 21.

### TABLE SHOWING THE COST OF PRINCIPAL STORES AT McLEAN HOSPITAL.

| Articles. | 1890. | | | 1891. | | | 1892. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. | Quantity. | Cost. | Average. |
| Beef . . . . . lbs. | 76,613 | $8,545.25 | .1115 | 81,656 | $9,651.80 | .1182 | 80,029 | $9,008.48 | .1125 |
| Mutton and Lamb . . . . ,, | 27,802 | 2,817.36 | .10 | 21,849 | 2,194.25 | .10 | 21,569 | 2,249.65 | .1043 |
| Veal . . . . . ,, | 12,983 | 1,317.05 | .1015 | 11,405 | 1,154.26 | .1012 | 12,250 | 1,230.78 | .1004 |
| Poultry . . . . . ,, | 21,137 | 3,436.46 | .162 | 17,709 | 2,828.92 | .159 | 21,458 | 3,890.11 | .1812 |
| Ham, etc. . . . . ,, | 12,717 | 1,345.78 | .105 | 12,727 | 1,320.07 | .103 | 14,368 | 1,540.03 | .107 |
| Eggs . . . . . doz. | 12,278 | 2,666.49 | .217 | 12,534 | 2,698.53 | .215 | 12,394 | 2,667.12 | .215 |
| Lard . . . . . lbs. | 3,788 | 282.67 | .074 | 3,100 | 283.20 | .091 | 3,407 | 298.90 | .081 |
| Flour . . . . . bbls. | 543 | 2,918.84 | 5.375 | 554 | 3,146.62 | 5.679 | 582 | 2,920.60 | 5.018 |
| Butter . . . . . lbs. | 21,164 | 5,004.93 | .231 | 20,399 | 5,174.90 | .253 | 21,237 | 5,222.96 | .245 |
| Coffee . . . . . ,, | 3,536 | 900.14 | .254 | 3,689 | 982.08 | .266 | 3,686 | 964.75 | .261 |
| Tea . . . . . ,, | 1,377 | 335.00 | .243 | 1,634 | 396.81 | .242 | 1,675 | 441.50 | .263 |
| Sugar . . . . . ,, | 31,276 | 1,962.89 | .063 | 31,824 | 1,577.05 | .049 | 34,857 | 1,531.91 | .043 |
| Lights, Gas, etc. . . . . feet | ..... | 3,178.34 | ..... | ..... | 3,221.45 | ..... | ..... | 3,221.36 | ..... |
| Coal . . . . . tons | $1,113\frac{570}{2000}$ | 6,232.48 | 5.598 | $1,608\frac{1110}{2000}$ | 8,515.42 | 5.293 | $1,478\frac{405}{2000}$ | 8,281.68 | 5.601 |
| Wood . . . . . cords | ..... | ..... | ..... | $10\frac{1}{2}$ | 89.25 | 8.50 | ..... | ..... | ..... |
| Ice . . . . . tons | $409\frac{1700}{2000}$ | 2,102.10 | 5.128 | $423\frac{1300}{2000}$ | 847.30 | 2.00 | $463\frac{1800}{2000}$ | 927.60 | 2.00 |

# TENTH ANNUAL REPORT

OF THE

# McLEAN HOSPITAL TRAINING SCHOOL FOR NURSES.

---

The training school having been organized in 1882, the year just ended was the tenth of its existence, not counting the three previous years in which the preparatory work of founding the school was going on. There were graduated in the last year fifteen women and twelve men, making the total product of the school, in the ten years from its beginning, one hundred and forty-three nurses — one hundred women and forty-three men.

Every year brings new evidence of the value of these nurses, not only to the Hospital but to the public. The following table shows how they are employed, and is a summary of the work of the school in its business of giving a professional training that is of itself of great practical value in the ordinary walks of life.

| | *Women.* | *Men.* |
|---|---|---|
| Number of graduates in 10 years | 100 | 43 |
| Graduates remaining in the service | 8 | 5 |
| Pupils in Boston Training School | 7 | |
| Previously graduated at Boston Training School | 15 | |
| Superintendents of nurses, other hospitals | 5 | 1 |
| Employed in other institutions | 5 | 4 |
| Engaged in private nursing | 44 | 16 |
| Married and left the profession | 21 | |
| At home | 5 | 7 |
| Deceased | 1 | 1 |
| Medical students | | 5 |
| In other business | | 4 |
| Pupils now in this school | 41 | 27 |

It is interesting to note that about one hundred of these graduates are still directly engaged in work for which they

had professional training in this school. There is an increasing demand for the services of those who have the capacity and qualifications for teaching and managing the new schools of this kind that are being organized. The small number of graduate nurses now remaining in this hospital is further evidence of the appreciation in which they are held in the public service. Their success in finding employment in general nursing, particularly in medical cases, compares well with that of the graduates of the general hospital schools. All these things go to show the substantial character of the demand for such service. While the hospital work is sometimes temporarily lacking in the number of trained nurses that is desirable, still the conditions are favorable to increasing improvement in their quality.

The advancement of nursing-reform for the insane has been marked during the past year by the evidences of a great step forward. New schools are being opened, and testimony has been coming from the earlier established American schools of the satisfactory and promising character of the first products of their new work. Seeing is believing, in this case, and every hospital superintendent who organizes this system of training his nurses on effective lines, at once joins the ranks of its advocates. The British Medico-Psychological Association was able to unify a system for all the hospitals in relation with it, in a manner not possible in America. No one doubts that this will prove to be a great epoch in the care of the insane, and a result of it is now being seen in the appearance of published lists of nurses who possess the certificate of proficiency in nursing. Such a systematic organization, now that it is accomplished, may of itself have a very potent influence in developing a high order of service in a short space of time compared with the unavoidable slowness of the movement in this country. It would be of the greatest possible value to the cause if the establishment of such schools could be made general in our hospitals, and if some good standard of requirements could be agreed upon in their teaching. It is to be hoped that the American Medico-Psychological Association, with the efficiency of its new organization, will improve its great opportunity to promote this reform by the concerted action of its members.

Much has been written, in these reports, of the relation of our special hospitals to the general hospitals, in respect to the difference in the means for training nurses and its effects upon them. The development of this reform is proving, as its long preliminary history did, that it was delayed by something lacking in the attempts that were made to begin it. This lack has been made up by assuming that these special institutions are true hospitals, and by insisting upon giving the pupils in their schools as good a training as possible in general nursing. In our large hospitals for mental diseases the conditions are adequate for excellent teaching in bodily nursing. Nothing can be a greater help to develop the hospital idea, and to prevent the narrowing of work into institution ruts, than to require the medical officers to engage in this teaching of nurses in the general field of medicine and surgery. He who teaches learns ; and this is a most important by-product of the process of educating a good general nurse whose success in professional work after leaving the hospital is the most effective of all attractions to invite capable women to seek such training. There would seem to be no longer any excuse for the complaint that the only material obtainable for attendants is too poor to be trained. The establishment of the system of training is first requisite as a means of attracting the better material. Everything goes to show that it will then come.

There still seems to be need of repeating the statement that certain experiences here have demonstrated the difference in the effect of the training upon the nurses in these special hospitals and in the general ones. It is true that the bodily nursing in the latter has the readiest attraction ; it is because it is the most objective,— there is apparently more to see and do. The nurses so trained do not take to mental nursing,— in fact they commonly dislike "nervous cases." Here is one secret of the successful competition with them of those trained in mental nursing. The latter have a certain quality which the general physician is quick to appreciate,— the general hospitals have not the conditions for imparting it so well. There can be no doubt that certain qualities of patience, tactfulness, and the like, must be demanded to a greater degree in the care of nervous and insane cases than in the

work of a general hospital. A nurse trained in such a hospital would surely get an experience from a term of service in mental nursing, the value of which she could not fail to appreciate in her practical work of a general nurse. The trouble has always been that she has not the interest to undertake mental nursing, nor the patience to pursue it. That has been the general rule everywhere; there were many trials of it here in the preparatory years of this school, and there are probably few exceptions to the rule. It is especially satisfactory, therefore, to note two recent exceptions here: two nurses from the Boston City Hospital are now taking the graduate course of one year in this school, in a way that is very encouraging.

There are some things to be learned from the observations here referred to that are worth the stating. The chances are decidedly against success in attempting to start a nursing school in a hospital for the insane under the charge of a nurse not trained in such a hospital. It would be better to send a promising supervisor, experienced in mental nursing, to a general hospital for six months or a year to get the special training. Failing this, a nurse with the requisite training should be sought. A nurse whose first training is in the care of mental cases can go to a general hospital and come back to her earlier work with the ability to stay in it, and will be a better teacher for having the supplementary general training. But as a matter of fact, so far, the rule is that changing the other way does not work well in the organizing of schools. It is perfectly natural that people like to have a reason for not doing what they do not like to do; but it is fair to expect that some day the value of a training in mental nursing will be duly appreciated — and more than this, the value of the work to those who do it, and pursue it long enough to get into the spirit of it, as those do who begin their training in it. Then it will afford the peculiar satisfaction that comes from the exercise and training of the special qualifications that such work demands. This is only a part of the great reform that is now coming in the care of the insane. The requirement is that this shall be a field for the best clinical work, so attractive in its interest and worthiness as to invite the most capable workers to it. When the science

of psychiatry is brought into its intimate and proper relations with other branches of medicine, there will be nothing in the nurse or the physician alien to the closest affiliation of this work with that of other physicians and nurses, but there will be mutual helpfulness in all particulars. Anything that now promotes this helps to hasten the day when mental disorders will be better understood and treated.

In the following pages are given the circular of information to applicants, and the course of instruction.

EDWARD COWLES,

*Superintendent.*

## McLEAN HOSPITAL TRAINING SCHOOL FOR NURSES.

The Trustees of the Massachusetts General Hospital, having established at the McLean Hospital a school for nurses, offer to give to men and women desirous of becoming professional nurses a two years' course of training in general nursing, with special reference to the care of cases of nervous and mental disease.

Those wishing to receive such a course of instruction must apply to the Superintendent of the McLean Hospital, Somville, Mass.

The most desirable age for candidates is from twenty-one to thirty-five years. *They must be in sound health, and must send with their application a certificate from a physician certifying to the fact; also, one from some responsible person as to their good character and good health.* Upon the recommendation of the Superintendent of the Hospital and the approval of the Trustees, they will be received for two months on probation, at the expiration of which time they will, if accepted, sign an agreement to complete the prescribed course of two years.

The Superintendent of Nurses has charge of the Training School, under the authority of the Superintendent of the Hospital and of the Board of Trustees; and the nurses are subject to the rules of the Hospital. Their fitness for the work and the propriety of retaining or dismissing them at the end of the two months of trial are determined by the authorities in charge of the School, under the direction of the Trustees; and the same authorities can in like manner discharge them at any time in case of misconduct or inefficiency. They reside in the Hospital, and serve as assistant nurses in its wards.

All nurses are required to be intelligent, trustworthy, kind, and cheerful.

The instruction includes the general care of the sick; the managing of helpless patients in bed; in moving, changing bed and body linen, making of beds, etc.; giving baths, keeping patients warm or cool, preventing and dressing bed sores; bandaging, applying of fomentations, poultices, and minor dressings; the preparing and serving of food, the

feeding of helpless patients and those who refuse food ; the administering of enemas and use of the catheter ; attendance upon patients requiring diversion and companionship; the observation of mental symptoms, delusions, hallucinations, delirium, stupor, etc., and the care of excited, violent, and suicidal patients.

They are also given instruction in the best practical methods of supplying fresh air, warming and ventilating sick rooms in a proper manner, and are taught to take proper care of rooms and wards ; in keeping all utensils perfectly clean and disinfected, etc. ; to observe the sick accurately in regard to the state of the secretions, pulse, breathing, skin, temperature, sleep, appetite, effect of diet, of stimulants, and medicine ; the giving of massage, and the managing of convalescents.

Instructions will also be given in the modern methods of physical training, by the use of free movements and the usual apparatus, in a gymnasium provided for the patients. The nurses are taught the medical application of physical exercise. Each nurse is required to have a gymnasium costume ; the material for the dress will be furnished, at moderate cost, by the Hospital.

The instruction is given by the Superintendent of the Training School, and by the Supervisors and Head Nurses. Lectures and demonstrations will be given at stated periods by the Hospital Medical Staff. Examinations, chiefly upon practical points, take place from time to time.

The pupils are employed as assistant nurses in the wards of the Hospital. Women will be paid twelve dollars ($12) per month during the first year, and fifteen dollars ($15) per month during the second year, for their clothing and personal expenses. Their education during this time is considered as compensation for their services. Men will be paid twenty-three dollars ($23) per month during the first year, and twenty-five ($25) per month during the second year. These are the former rates not yet reduced to the Training-School system. Women graduates will be paid twenty-five dollars ($25) per month during the first year, and thirty dollars ($30) per month thereafter. Those who have had an additional year of training at the General Hospital are paid thirty-five dollars ($35) per month on returning to the service of

the McLean Hospital. Men graduates will be paid twenty-seven dollars ($27) and thirty dollars ($30) per month, according to length of service.

The men and women are required to wear at all times, while on duty in the wards, the Hospital uniform.

When the full term of two years is completed, the nurses thus trained receive (after final examinations) diplomas certifying to their period of training, their proficiency, and good character.

The right is reserved to terminate the connection of any nurse or pupil with the School, for any reason which may be deemed sufficient.

A female graduate of this School, who wishes to have additional practical experience and instruction in general nursing, has the privilege, under certain restrictions, of entering the Boston Training School for Nurses at the Massachusetts General Hospital. Such graduates will, after one year's satisfactory study, receive the diploma from that School, in addition to the diploma received from the McLean Hospital Training-School.

*N. B. This paper to be filled in (in the Candidate's own handwriting), and sent, with recommendations and physician's certificate, to the Superintendent of the McLean Hospital, Somerville, Mass.*

## QUESTIONS TO BE ANSWERED BY CANDIDATE.

1. Name in full of Candidate . . . . . .
2. Are you single, married, widow, or widower? . . . . . .
3. Your present or last occupation or employment? . . . . . .
4. Age last birthday, and date and place of birth? . . . . . .
5. Height? . . . . . Weight? . . . . . .
6. In what school or schools educated, and in what place? . . . . . .
7. Are you strong and healthy, and have you always been so? . . . . . .
8. Are your sight and hearing perfect? . . . . . .
9. Have you any physical defects? . . . . . .
10. Have you any tendency to pulmonary complaint? . . . . . .
11. If a widow or widower, have you children? How many? Their ages? How are they provided for? . . . . . .
12. Are you otherwise free from domestic responsibility, so that you are not liable to be called away? . . . . . .
13. Where (if any) was your last situation, and how long were you in it? . . . . . .
14. Have you ever been in any training school or employed in any hospital or asylum? If so, where and how long in each place? . . . . . .
15. The names in full and addresses of two persons, not of your own kindred, to be referred to. State how long each has known you. If previously employed, one of these must be the last employer.
    Name . . . . . .
    Address . . . . . .
    has known me years.
    Name . . . . . .
    Address . . . . . .
    has known me years.

*Having read, and clearly understanding and agreeing to the foregoing conditions and regulations, I declare the above statement to be correct.*

*Signed* . . . . . .
Candidate.

*Present Address* . . . . . .

*Nearest Telegraph Office* . . . . . .

*Date* . . . . . 189

## COURSE OF INSTRUCTION.

### JUNIOR YEAR.

A Manual for Hospital Nurses . . . . . *Domville.*
Physiology and Hygiene (to the Nervous System) . *Hutchison.*
Notes on Fever Nursing . . . . . *Allan.*
A Text-book of Nursing . . . . . *Weeks.*
What To Do First in Emergencies . . . . . *Dulles.*
Accidental Injuries . . . . . *Cantlie.*
Practical Instruction in Massage (twelve lessons).
Physical Training (thirty lessons).
Instruction in the Wards by the Supervisor and Superintendent of Nurses.
A Lecture each week, First Assistant Physician.

### SENIOR YEAR.

Physiology and Hygiene (completed) . . . . . *Hutchison.*
A Text-book of Nursing (completed) . . . . . *Weeks.*
A Short Manual for Monthly Nurses . . . . . *Cullniworth.*
Notes on Surgery for Nurses . . . . . *Bell.*
Hand-book for Hospitals (selections),
*State Charities Aid Association, N. Y.*
How to Care for the Insane . . . . . *Granger.*
Hand-book for the Instruction of Attendants on the Insane.
*Sub-Com. British Med.-Psych. Association.*
Practical Instruction in Cooking (six lessons).
Physical Training (thirty lessons).
Instruction in the wards by the Supervisor and Superintendent of Nurses.
A Lecture each week, Superintendent.

## ORDER OF EXERCISES, 1892-93.

### WOMEN.

Monday.

| | | |
|---|---|---|
| 11.00 A. M. | Junior Class (1st Div.), Recitation . . . . . | MISS CLELAND. |
| 4.15 P. M. | Senior Class Recitation, . . . | MISS WOODWARD. |
| 7.00 P. M. | Junior Class (2d Div.), Recitation . . . . . | MISS CLELAND. |
| 8.00 P. M. | Junior Class (1st Div.), Massage, | MISS WOODWARD. |
| 8.00 P. M. | Junior Class (2d Div.), Massage, | MRS. PIERCE. |

Tuesday.

| | | |
|---|---|---|
| 11.00 A. M. | Senior Class (2d Div.), Recitation . . . . . | Miss Woodward. |
| 4.15 P. M. | Senior Class Lecture . . . . | Dr. Cowles. |

Wednesday.

| | | |
|---|---|---|
| 4.15 P. M. | Senior Class, Instruction in Physical Training . . . . . | Miss Bartlett. |

Thursday.

| | | |
|---|---|---|
| 11.00 A. M. | Head Nurses, Review, etc. . . | Miss Woodward. |
| 2.00 P. M. | Senior Class (1st or 2d Div.), Cooking . . . . . | Mrs. Dearborn. |
| 4.15 P. M. | Junior Class, Lecture . . . . | Dr. Tuttle. |
| 7.00 P. M. | Junior Class, Instruction in Physical Training . . . . . | Miss Bartlett. |
| 8.00 P. M. | Junior Class (3d Div.), Massage, | Miss Woodward. |
| 8.00 P. M. | Junior Class (4th Div.), Massage, | Mrs. Pierce. |

Saturday.

| | | |
|---|---|---|
| 4.15 P. M. | Junior Class (in Divisions of Six on alternate weeks), Care of Sick Patients in Bed, Poulticing, etc. . . . . | Miss Cleland.<br>Miss Clark. |

MEN.

Monday.

| | | |
|---|---|---|
| 4.15 P. M. | Junior Class, Recitation . . . | Dr. Fuller. |
| 6.30 P. M. | Senior Class, Instruction in Physical Training . . . . . | Mr. Ryder. |

Tuesday.

| | | |
|---|---|---|
| 11.00 A. M. | Senior Class (1st or 2d Div., from Feb. 14th), Massage . . . | Mr. Webber. |
| 4.15 P. M. | Senior Class, Lecture . . . . | Dr. Cowles. |

Wednesday.

| | | |
|---|---|---|
| 4.15 P. M. | Junior Class, Lecture . . . . | Dr. Tuttle. |

Thursday.

| | | |
|---|---|---|
| 11.00 A. M. | Junior Class (1st and 2d Div. on alternate weeks, from Feb. 16), Bandaging . . . . | Dr. Fuller. |

| | | |
|---|---|---|
| 2.00 P. M. | Senior Class (1st or 2d Div.), Cooking . . . . . | MRS. DEARBORN. |
| 4.15 P. M. | Junior Class, Instruction in Physical Training . . . . . | MR. RYDER. |

Friday.

| | | |
|---|---|---|
| 11.00 A. M. | Junior Class (1st and 2d Div. on alternate weeks, from Feb. 3d), Care of Sick Patients in Bed, Poulticing, etc. . . | MR. WEBBER. |
| 4.15 P. M. | Senior Class, Recitation . . . | DR. FULLER. |

# OFFICERS OF THE INSTITUTION

## 1893.

*President.*

CHARLES H. DALTON.

*Vice-President.*

JOHN LOWELL.

*Treasurer.*

FRANKLIN HAVEN, JR., 28 STATE STREET.

*Secretary.*

THOMAS B. HALL, 75 STATE STREET.

*Trustees.*

SAMUEL ELIOT, *Chairman*, 44 Brimmer Street.
*FREDERICK L. AMES, 96 Ames Building.
*CHARLES V. BEMIS, Medford, Mass.
EDMUND DWIGHT, 50 State Street.
WILLIAM ENDICOTT, JR., 32 Beacon Street.
*DAVID P. KIMBALL, 35 Congress Street.
THORNTON K. LOTHROP, 27 Commonwealth Avenue.
*THOMAS E. PROCTOR, 127 South Street.
NATHANIEL THAYER, 50 State Street.
DAVID R. WHITNEY, 85 Devonshire Street.
HENRY P. WALCOTT, 13 Beacon Street.
ROGER WOLCOTT, 945 Exchange Building.

*Board of Consultation.*

ALGERNON COOLIDGE, M. D.
FRANCIS MINOT, M. D.
MORRILL WYMAN, M. D.
GEORGE G. TARBELL, M. D.
GEORGE C. SHATTUCK, M. D.
RICHARD M. HODGES, M. D.
SAMUEL L. ABBOT, M. D.
FREDERICK I. KNIGHT, M. D.

## STANDING COMMITTEES.

*Admitting Asylum Patients.*

Messrs. DWIGHT and WHITNEY.

*Finance.*

Messrs. ENDICOTT and KIMBALL.

*Appointed by the Governor of the Commonwealth.

*Accounts and Expenditures.*
Messrs. WOLCOTT, THAYER, and LOTHROP.

*Buildings and Repairs.*
Messrs. DWIGHT, ELIOT, and WHITNEY.

*Free Beds.*
Messrs. PROCTOR and WHITNEY.

*The General Library and Warren Fund.*
Messrs. ELIOT and BEMIS.

*Book of Donations.*
DR. BEMIS.

*Nominations.*
Messrs. ELIOT, WOLCOTT, LOTHROP, and THAYER.

*New Asylum and Grounds.*
Messrs. DALTON, DWIGHT, ELIOT, ENDICOTT, AMES, and WALCOTT

---

VISITING COMMITTEES.

*June and December.*
Messrs. WHITNEY and AMES.

*January and July.*
Messrs. BEMIS and PROCTOR.

*February and August.*
Messrs. WOLCOTT and KIMBALL.

*March and September.*
Messrs. ENDICOTT and LOTHROP.

*April and October.*
Messrs. DWIGHT and WALCOTT.

*May and November.*
Messrs. ELIOT and THAYER.

---

LADIES' VISITING COMMITTEE.

*January and February.*
Mrs. F. L. AMES. Mrs. J. ARTHUR BEEBE. Miss IDA G. BEAL.

*March and April.*
Mrs. N. THAYER. Mrs. EUGENE V. R. THAYER.

*May.*
Mrs. J. C. GRAY. Mrs. T. E. PROCTOR. Miss JEANIE L. MOTLEY

*June.*
Miss JEANIE L. MOTLEY. Mrs. E. F. BOWDITCH.

*July.*
Miss ELLEN O. PROCTOR.

*October.*
MRS. E. F. BOWDITCH.

*November.*
MISS ANNE W. MORRILL. MRS. H. W. HAYNES.

*December.*
MISS ELLEN O. PROCTOR.

*General.*
MISS ELIZABETH O. TAPPAN. MRS. EDWARD VER PLANK.

---

## OFFICERS OF THE HOSPITAL.

*Resident Physician.*
JOHN W. PRATT, M. D.

*Visiting Physicians.*
WM. L. RICHARDSON, M. D.
EDWARD N. WHITTIER, M. D.
ELBRIDGE G. CUTLER, M. D.
FREDERICK C. SHATTUCK, M. D.
REGINALD H. FITZ, M. D.
WILLIAM W. GANNETT, M. D.

*Visiting Surgeons.*
CHARLES B. PORTER, M. D.
JOHN COLLINS WARREN, M. D.
HENRY H. A. BEACH, M. D.
JOHN HOMANS, M. D.
ARTHUR T. CABOT, M. D.
MAURICE H. RICHARDSON, M. D.

*Physicians to Out-Patients.*
CHARLES P. STRONG, M. D.
HERMAN F. VICKERY, M. D.
HAROLD C. ERNST, M. D.
GEORGE M. GARLAND, M. D.
JAMES T. MINOT, M. D.
CHARLES W. TOWNSEND, M. D.

*Surgeons to Out-Patients.*
JOHN W. ELLIOT, M. D.
FRANK B. HARRINGTON, M. D.
WILLIAM M. CONANT, M. D.
SAMUEL J. MIXTER, M. D.
OTIS K. NEWELL, M. D.
CHARLES L. SCUDDER, M. D.

*Physician to Out-Patients with Diseases of the Skin.*
JAMES C. WHITE, M. D.

*Physicians to Out-Patients with Diseases of the Nervous System.*
JAMES J. PUTNAM, M. D. GEORGE L. WALTON, M. D.

*Physician to Out-Patients with Diseases of the Throat.*
ALGERNON COOLIDGE, JR., M. D.

*Ophthalmic Surgeon to Out-Patients.*
OLIVER F. WADSWORTH, M. D.

*Aural Surgeon.*
J. ORNE GREEN, M. D.

*Pathologist.*
WILLIAM F. WHITNEY, M. D.

*Chemist.*
EDWARD S. WOOD, M. D.

## MEDICAL AND SURGICAL ASSISTANTS.

*Assistants for Diseases of the Nervous System.*

HENRY C. BALDWIN, M. D. CYRUS F. CARTER, M. D.

*Assistant to Ophthalmic Surgeon.*

FREDERICK E. CHENEY, M. D.

*Assistants for Diseases of the Throat.*

J. PAYSON CLARK, M. D. FREDERICK C. COBB, M. D.

*Assistant for Diseases of the Skin.*

JOHN T. BOWEN, M. D.

*Medical House Pupils*, 1892–93

E. CHANNING STOWELL. JOSEPH L. GOODALE.

*Surgical House Pupils*, 1892–93.

FRANKLIN G. BALCH. JOHN DANE.
CHARLES A. PORTER. FRED B. LUND.
FRANK LYMAN. GEORGE W. W. BRUSTER.

*Matron.*

G. L. STURTEVANT.

*Superintendent of Nurses.*

MARIA B. BROWN.

*Apothecary.*

CHARLES H. SAMPSON, PH. G.

---

## OFFICERS OF THE McLEAN HOSPITAL.

*Medical Superintendent.*

EDWARD COWLES, M. D.

*1st Assistant Physician.*

GEORGE T. TUTTLE, M. D.

*2d Assistant Physician.* *Assistant Physician and Pathologist.*

DANIEL H. FULLER, M. D. WILLIAM NOYES, M. D.

*House Pupils.*

FOLLEN CABOT, JR. CHARLES B. STEVENS.

GEORGE A. HARLOW.

*Superintendent of Nurses and Matron.*

LUCIA E. WOODWARD.

*Supervisors.*

CHARLES E. WEBBER. REBECCA H. CLELAND.

*Apothecary.*

FRANK W. ADAMS.

*Purveyor.*

JOHN P. BRADBURY.

*Clerk.*

FRANCES E. GILBERT.

Table of Expenses of Hospital & Asylum for 27 years
as Reported for 1888 p 29 1862 – 1888

Bowditch 1891 p 5
Dalton found 4v p 36 –